

Exhibit 1



January 1998

U.S. Market Overview

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Senior Staff		Directors		Finance	
Barclay, B.	S214	Amoss, S.	S112	Bartels, S.	S216
Calfee, Richard	Houston	Castro, T.	S214		
Howard, G.	S212	Chludzinski, M.	S238		
Huss, B.	S232	Crall, C.	T540		
Johnson, G.	S121	Crapenhoft, M.	S214		
Larson, B.	T500	Degois-Sainz, M.	S311		
Martlage, D.	S211	Douthitt, T.	S112		
McInnes, P.	T520	Esselstein, B.	T120		
Murray, M.	S220	Garfield, G.	S214		
Neels, G.	S112	Hirsch, E.	S214		
Norton, S.	T200	King, G.	GDT-Jpn		
Pandolfino, E.	S112	Lyss, S.	S112		
Simpson, C.	S116	Malito, O.	S116		
		Mariani, P.	S216		
		Mondry, M.	S214		
		Muller, P.	S116		
Global Marketing (54 copies)	S112	Nayak, V.	S120		
		Nishimura, M.	S112		
Temecula		Ortigas-Wedekind, M.	S112		
	T120	Saltman, B.	S135		
	T400	Schneiderman, G.	S214		
		Sirhan, M.	S238		
		Spaulding, R.	S232		
					Business Development
				Bertonis, J.	S214
				Gasson, J.	S214
				Nemeth, J.	S214
				Zavelson, L.	S214
					GSC
				Antinori, D. - GDT - SE Ofc.	
				Baumgardt, J. - GDT HQ, Indy	
				Blanchard, T. - GDT HQ, Indy	
				Davis, B. - S001	
				Ethridge, J. - S001	
				Harrold, M. - GDT - NE Ofc.	
				Hopper, P. - GDT - West	
				Neupert, J. - GDT HQ, Indy	
				Rhatigan, K. - S001	
				Rieth, B. - GDT HQ, Indy	
				Sherman, M. - GDT HQ, Indy	

Please forward questions regarding this distribution list to Linh Ho ext. 53585



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January 1999
U.S. Market Overview
Table of Contents

Executive Overview -----	1
Total Business & Average Daily Sales -----	2
 Dilatation Business Unit	
Over-the-Wire Segment -----	4
Rapid Exchange Segment-----	8
Perfusion Segment-----	10
Integrated Systems Segment-----	12
Long Balloons -----	14
High-Pressure/Non-Compliant Balloons & Short Balloons (HP/NC) -	15
Extended Pressure Balloons -----	16
Top 20 Dilatation Catheters -----	17
 Guide Wire Business Unit	
Guide Wires -----	18
Exchange Devices -----	21
 Accessories Business Unit	
Guiding Catheter Segment -----	22
Inflation Device Segment -----	24
 Stent and Atherectomy Business Units	
Stent Segment -----	26
2nd Generation Interventional Devices -----	27
Diagnostic Catheters-----	28

USMO Executive Summary

January 1998

Beginning with the January 1997 data collection the USMO cath lab panel started reporting units used instead of units sold. This should capture units received free of charge and better reflect the current demand trends in the market.

Dilatation Catheter Business					
Average Daily Sales (Units)					
Dilatation Catheter Market			ACS		
December	January	% Chg.	Segment	December	January
4551	4573	0%	RX	1,046	1,070
<i>Market ADS is calculated using rolling ACS share of units used from cath lab panel and ACS units sold.</i>			Perfusion	157	147
			OTW	120	92
			IS	3	3
			Total DC Units	1,326	1,312
					-1%

In January, SciMed (47%) lost 2pp while ACS (29%) was stable. JJIS/Cordis (13%) and Schneider(7%) each gained 1pp while Medtronic (3%) and USCI were (1%) stable.

Top Selling Dilatation Catheter: SciMed Ranger (18%, stable).

Dilatation Catheter Market Segments					
Market Segment Mix			Rapid Exchange		
OTW	65%	(-1 pp)	Perfusion	4%	(-1 pp)
RX	29%	(+2 pp)	IS	2%	(stable)
Over-the-Wire			Rapid Exchange		
Manufacturer	Share	Change	Manufacturer	Share	Change
SciMed/Mansfield	68%	(stable)	ACS	74%	(stable)
JJIS/Cordis	19%	(+1 pp)	Schneider/Shiley	21%	(+1 pp)
ACS	6%	(-1 pp)	SciMed/Mansfield	4%	(-1 pp)
Medtronic	4%	(stable)	Medtronic	1%	(stable)
Top Product: SciMed Ranger (27%, -3 pp)			Top Product Line: ACS Rocket (52%, +17 pp)		
Comments: JJIS/Cordis gained 1pp while ACS lost 1pp. Scimed and Medtronic were stable.			Comments: ACS and Medtronic were stable. Schneider gained 1pp in the RX market segment while Scimed lost 1pp.		

High Pressure/Non-Compliant & Extended Pressure/Front-line					
HP/NC (RPB > 14 ATM) as % of Business			Extended Pressure (RPB = 9-14 ATM) as % of Business		
Nov	Dec	Jan	Nov	Dec	Jan
38%	39%	40%	52%	53%	54%

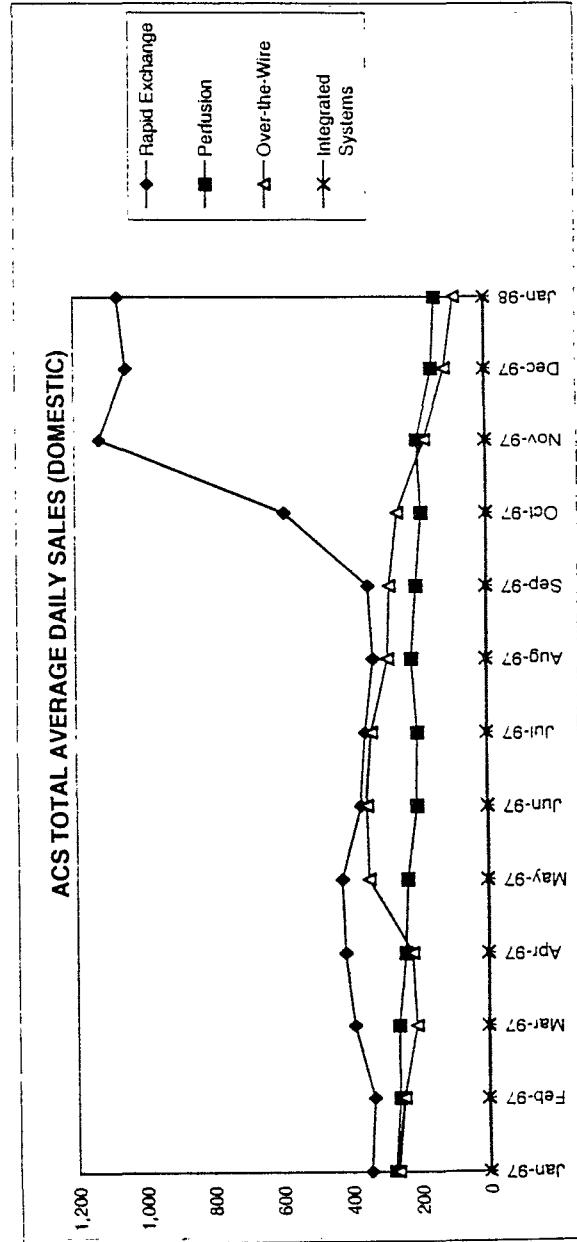
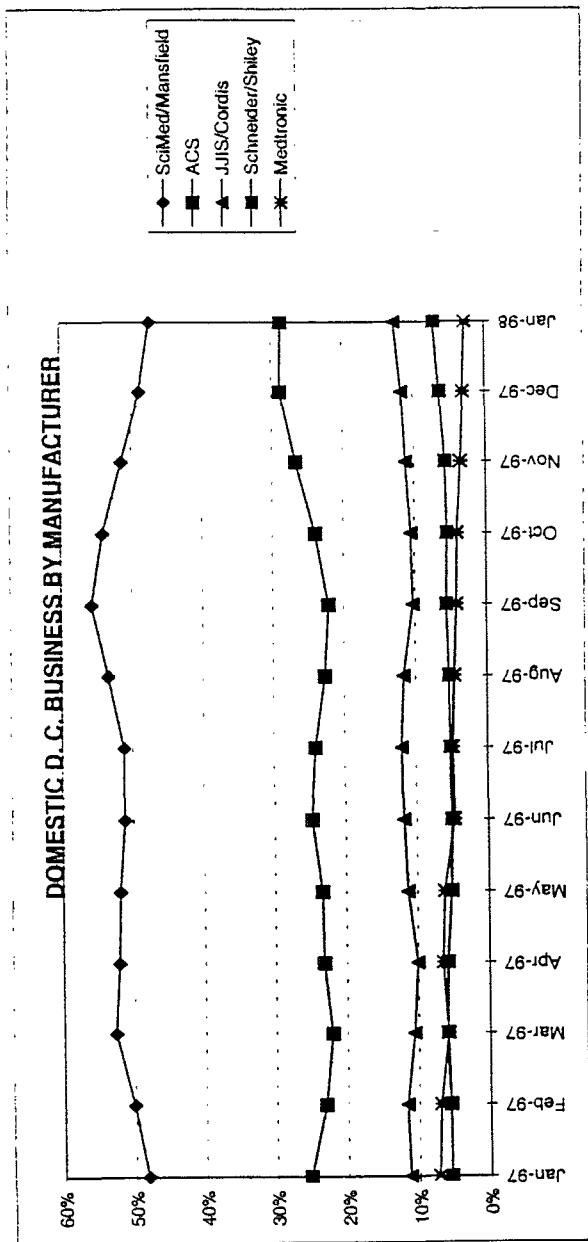
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Guide Wires			Coronary Stents		
Manufacturer	Share	Change	Manufacturer	Share	Change
ACS	60%	(+3 pp)	ACS	58%	(-6 pp)
SciMed/Mansfield*	26%	(-3 pp)	AVE	18%	(+17 pp)
Cordis	9%	(stable)	JJIS/Cordis	16%	(-7 pp)
			Cook	5%	(-3 pp)
			Medtronic	2%	(-1 pp)

Vascular Intervention Unit Market Share - as a % of all devices (BDC & 2nd Gen.)					
Guidant	38%	(-1 pp)	Schneider/Shiley	4%	(stable)
SciMed/Boston Sci.	34%	(-1 pp)	Cook	2%	(-1 pp)
JJIS/Cordis	14%	(-1 pp)	Medtronic	2%	(-1 pp)

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DOMESTIC D. C. BUSINESS BY MANUFACTURER

MANUFACTURER	2 Months Rolling Avg.		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
SciMed/Mansfield	48%	50%	53%	52%	52%	51%	51%	53%	56%	54%	51%	49%	47%		
ACS	25%	23%	22%	23%	23%	25%	24%	23%	22%	24%	27%	29%	29%		
JJIS/Cordis	11%	12%	11%	10%	11%	12%	12%	12%	10%	11%	11%	12%	13%		
Schneider/Shiley	6%	6%	6%	6%	5%	5%	5%	5%	6%	6%	6%	6%	7%		
Medtronic	7%	7%	6%	7%	6%	5%	5%	5%	4%	4%	4%	3%	3%		
USCI	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%		

DOMESTIC D. C. BUSINESS BY SEGMENT

	DOMESTIC												
	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	
Over-the-Wire	71%	72%	74%	73%	74%	76%	76%	76%	78%	76%	71%	66%	65%
Rapid Exchange	16%	15%	16%	17%	16%	16%	16%	15%	14%	16%	22%	27%	29%
Perfusion	10%	10%	9%	8%	8%	7%	6%	7%	7%	6%	5%	5%	4%
Integrated Systems	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%

ACS TOTAL AVERAGE DAILY SALES (DOMESTIC)

	DOMESTIC												
	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	
Rapid Exchange	348	337	393	418	427	372	357	333	348	588	1,127	1,046	1,070
Perfusion	278	263	265	244	238	209	206	223	208	192	203	157	147
Over-the-Wire	270	251	213	224	351	355	340	292	287	262	181	120	92
Integrated Systems	3	5	5	3	4	3	3	4	4	3	3	3	3
Total ADS	899	856	876	890	1,020	939	906	852	847	1,045	1,514	1,326	1,312

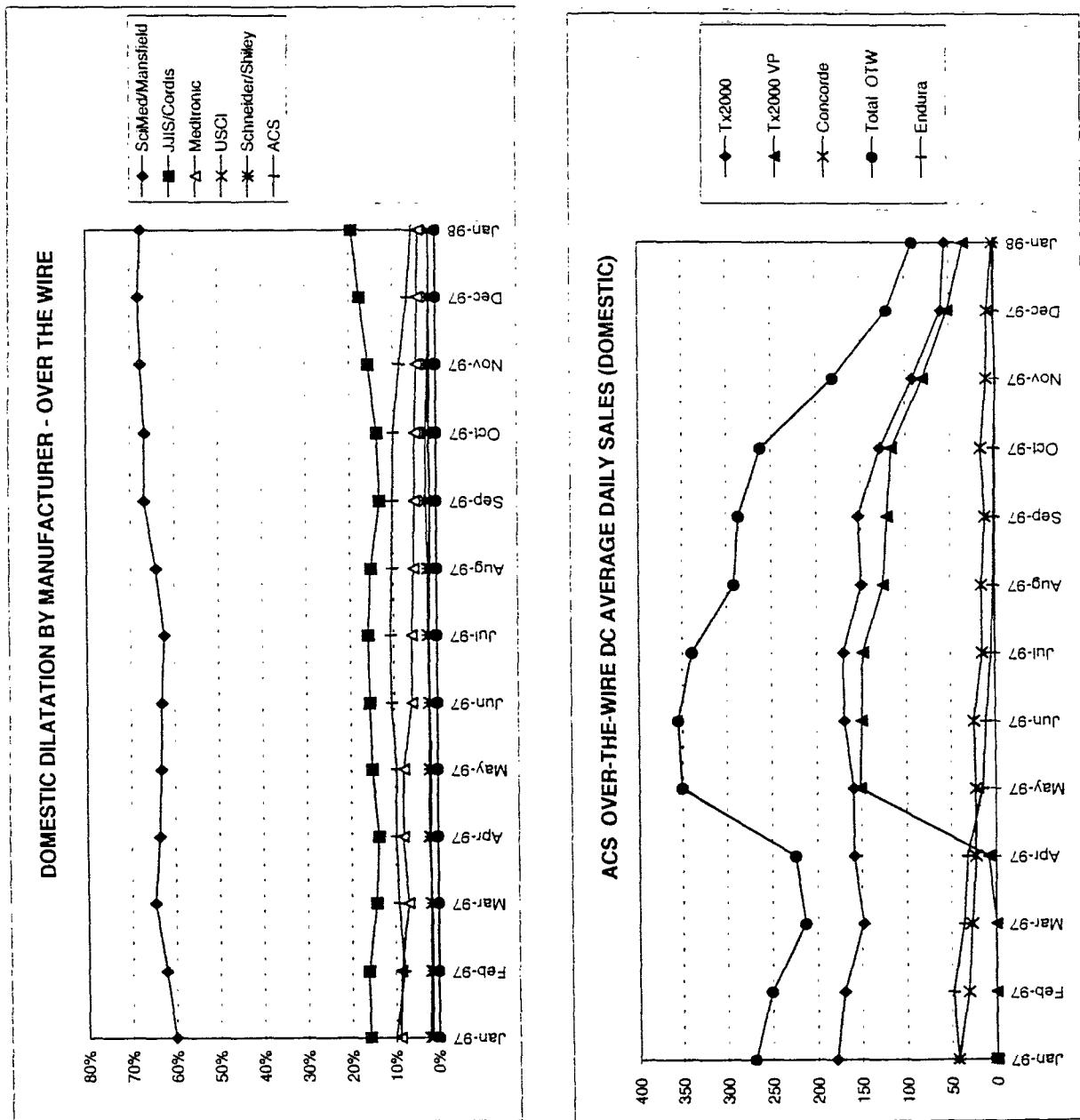
VASCULAR INTERVENTION UNIT MARKET SHARE (as a % of all devices)

	DOMESTIC												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Guidant	18%	16%	16%	16%	16%	16%	16%	15%	15%	21%	32%	39%	38%
SciMed/Boston Sci.	37%	38%	40%	39%	38%	37%	37%	39%	40%	38%	36%	35%	34%
JJIS/Cordis	33%	33%	32%	33%	34%	34%	30%	28%	27%	25%	19%	15%	14%
Schneider/Shiley	4%	4%	4%	3%	3%	3%	4%	4%	4%	4%	4%	4%	4%
Medtronic	5%	5%	4%	4%	4%	3%	3%	3%	3%	3%	3%	3%	2%
Cook	3%	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	2%
USCI	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%

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DOMESTIC DILATATION BY MANUFACTURER - OVER THE WIRE

Over-The-Wire	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
		1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
SciMed/Mansfield	60%	62%	65%	64%	63%	63%	62%	64%	67%	67%	68%	68%	68%	68%
JJS/Cords	16%	16%	14%	14%	15%	16%	16%	15%	14%	14%	16%	18%	19%	19%
ACS	10%	8%	9%	10%	10%	11%	11%	10%	10%	10%	8%	7%	6%	6%
Medtronic	9%	9%	7%	8%	8%	6%	6%	5%	5%	5%	5%	4%	4%	4%
USCI	2%	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	1%	2%	2%
Schneider/Shiley	2%	1%	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
OTW AS A PERCENT OF BUSINESS	71%	72%	74%	73%	74%	76%	76%	76%	78%	78%	78%	71%	68%	65%

DOMESTIC DILATATION BY COMMODITY - OVER THE WIRE

OTW Systems (Top 10)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
*Ranger	9%	10%	13%	16%	18%	24%	30%	31%	30%	31%	32%	30%	27%
NC Ranger													
Quantum Ranger													
Charger													
Bandit NC	28%	29%	30%	29%	29%	25%	19%	17%	15%	15%	11%	9%	7%
*BANDIT	19%	19%	18%	15%	13%	11%	10%	10%	9%	9%	7%	6%	6%
Tx2000	6%	5%	5%	5%	7%	8%	7%	6%	6%	6%	5%	4%	4%
Thor	6%	6%	6%	4%	5%	5%	6%	6%	5%	4%	4%	3%	3%
*TITAN	3%	3%	3%	4%	4%	4%	3%	3%	3%	2%	2%	2%	3%
*PREDATOR	2%	3%	2%	2%	3%	3%	3%	3%	2%	3%	3%	3%	2%
Valor	2%	2%	2%	2%	3%	2%	1%	0%	3%	4%	4%	3%	2%
Tx2000 VP													
Asuka	1%	1%	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Rebel													
*Evergreen	4%	4%	3%	3%	3%	2%	3%	3%	3%	1%	0%	1%	1%
Procross	2%	1%	1%	1%	1%	1%	1%	2%	1%	1%	2%	2%	1%

ACS OVER-THE-WIRE DC AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Tx2000	179	170	148	159	159	169	170	149	153	128	92	60	55
Tx2000 VP				9	152	150	148	125	15	11	16	81	52
Concorde	43	31	27	22	23	24	14	15	2	1	1	(1)	1
Endura	43	48	36	32	15	10	5	0	0	1	1	1	0
Edge	2	1	1	1	1	1	1	1	1	1	1	1	0
Other OTW	3	1	1	1	1	1	2	2	2	2	2	2	2
Total OTW	270	251	213	224	351	355	340	292	287	262	181	120	92

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*Designates a PRODUCT FAMILY containing long and/or short balloons

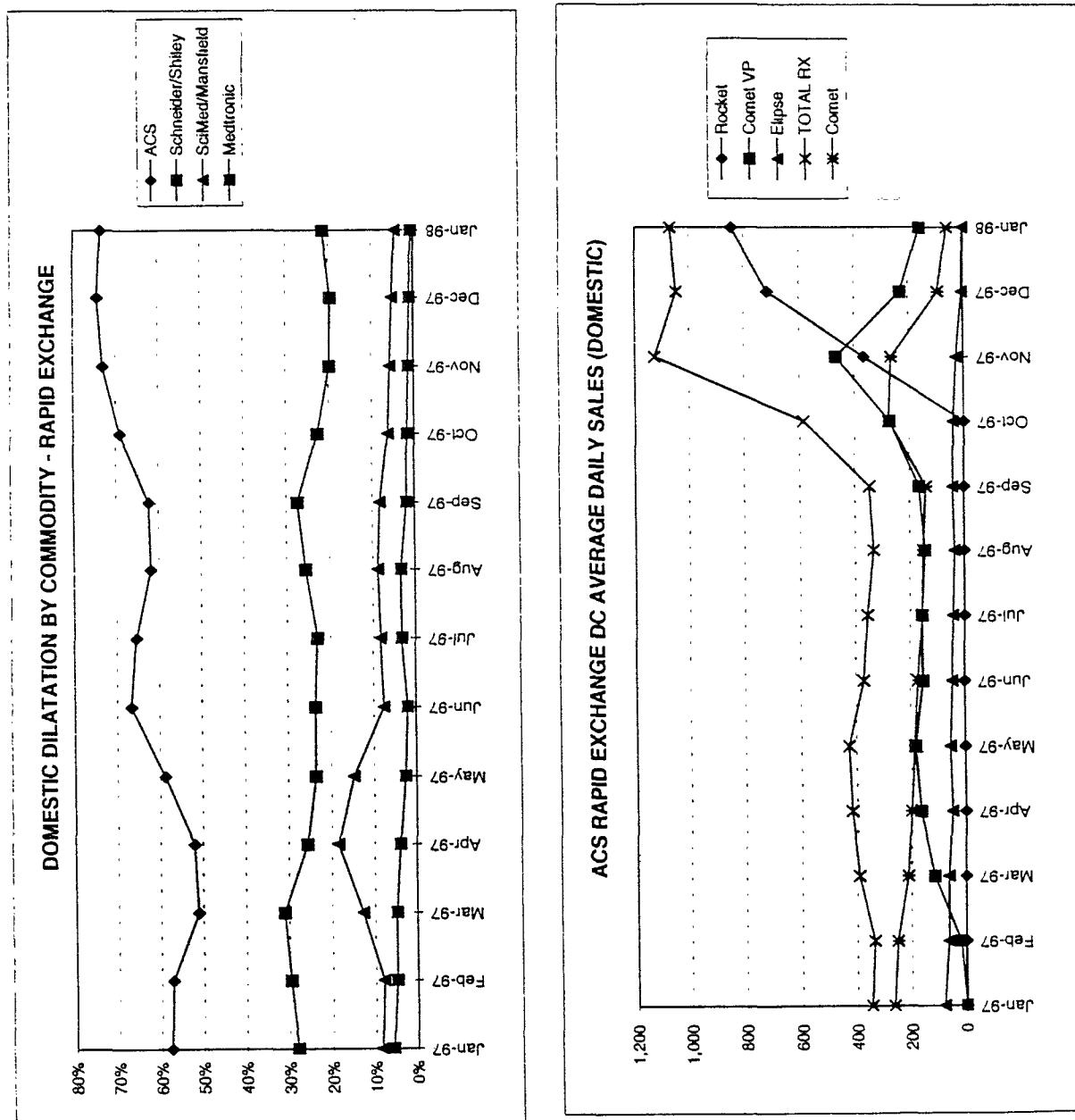
ROLLING 14 OTW DETAIL PRODUCT MIX

OTW-14	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
		1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
SciMed/Mansfield	*Ranger	10%	11%	14%	17%	19%	25%	31%	33%	31%	32%	33%	31%	28%
SciMed/Mansfield	NC Ranger													16%
SciMed/Mansfield	Quantum Ranger													9%
JJS/Cordis	Charger													9%
SciMed/Mansfield	Bandit NC	29%	31%	32%	31%	30%	27%	20%	18%	15%	11%	9%	8%	7%
SciMed/Mansfield	*BANDIT	21%	20%	19%	16%	13%	12%	11%	10%	9%	8%	6%	6%	7%
SciMed/Mansfield	Tx2000	6%	5%	5%	6%	7%	8%	7%	6%	6%	6%	4%	4%	4%
ACS	Thor	7%	7%	6%	5%	5%	6%	6%	6%	5%	4%	4%	3%	3%
JJS/Cordis	*PREDATOR	3%	3%	2%	3%	3%	3%	3%	3%	3%	3%	3%	3%	2%
JJS/Cordis	Valor	2%	3%	3%	3%	3%	2%	2%	3%	3%	2%	2%	2%	2%
ACS	Tx2000 VP					0%	0%	1%	2%	3%	4%	4%	4%	3%
Schneider/Shiley	Asuka	1%	1%	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
SciMed/Mansfield	Rebel					0%	1%	1%	1%	1%	0%	1%	1%	1%
Medtronic	*Evergreen	4%	4%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	2%
USCI	Procross	2%	1%	1%	2%	1%	2%	2%	1%	1%	2%	1%	1%	1%
Medtronic	*PANTHER	2%	1%	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%
Medtronic	Millenia	2%	3%	2%	3%	2%	1%	1%	1%	1%	1%	1%	1%	1%
JJS/Cordis	Jupiter	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
JJS/Cordis	*TRAKSTAR	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%
Medtronic	*14K	2%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%
SciMed/Mansfield	NC Ranger Big													0%
OTW-14 AS PERCENT OF ALL OTW		93%	93%	95%	95%	96%	95%	96%	97%	97%	97%	97%	97%	97%
OTW-14 AS PERCENT OF BUSINESS		64%	70%	70%	70%	73%	72%	73%	73%	77%	72%	66%	62%	64%

ROLLING OTW MIX FOR ALL COMMODITIES

	2 Months Ending	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
SciMed/Mansfield	*Ranger	9%	10%	13%	16%	18%	24%	30%	31%	30%	31%	32%	30%	27%
SciMed/Mansfield	NC Ranger													
SciMed/Mansfield	Quantum Ranger													
SciMed/Mansfield	Charger													
JJIS/Cordis	Bandit NC	28%	29%	30%	29%	29%	25%	19%	17%	15%	11%	9%	7%	7%
SciMed/Mansfield	*BANDIT	19%	19%	18%	15%	13%	11%	10%	10%	9%	7%	6%	6%	6%
JJIS/Cordis	Tx2000	6%	5%	5%	5%	7%	8%	7%	6%	6%	5%	4%	4%	3%
SciMed/Mansfield	Thor	6%	6%	6%	4%	5%	5%	6%	6%	5%	4%	4%	3%	3%
ACS	*TITAN	3%	3%	3%	3%	4%	4%	3%	3%	3%	2%	2%	3%	3%
JJIS/Cordis	*PREDATOR	2%	3%	2%	2%	3%	3%	3%	3%	2%	3%	3%	3%	2%
JJIS/Cordis	Valor	2%	2%	2%	2%	3%	2%	3%	3%	2%	2%	2%	2%	2%
JJIS/Cordis	Tx2000 VP				0%	1%	2%	3%	4%	4%	3%	3%	2%	2%
ACS	Asuka	1%	1%	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Schneider/Shiley	Rabell						0%	1%	1%	1%	0%	1%	1%	1%
SciMed/Mansfield	*Evergreen	4%	4%	3%	3%	3%	3%	2%	3%	3%	3%	2%	2%	1%
Medtronic	Procross	2%	1%	1%	1%	1%	1%	2%	1%	1%	2%	1%	1%	1%
USCI	*PANTHER	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Medtronic	Millenia	2%	2%	2%	3%	2%	1%	1%	1%	1%	1%	1%	1%	1%
JJIS/Cordis	Jupiter	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
JJIS/Cordis	*TRAKSTAR	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Medtronic	*14K	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%
SciMed/Mansfield	NC Ranger Big													

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DOMESTIC DILATATION BY MANUFACTURER - RAPID EXCHANGE

Rapid Exchange (RX)	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
		1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
ACS	58%	57%	51%	52%	59%	67%	65%	62%	62%	69%	73%	74%	74%	74%
Schneider/Shiley	28%	30%	31%	26%	24%	24%	23%	26%	27%	23%	20%	20%	21%	21%
SciMed/Mansfield	9%	8%	13%	19%	15%	8%	8%	9%	8%	6%	6%	5%	4%	4%
Medtronic	6%	5%	5%	4%	3%	2%	3%	3%	2%	1%	1%	1%	1%	1%
RX AS A PERCENT OF BUSINESS	16%	15%	16%	17%	16%	16%	16%	15%	14%	16%	22%	27%	29%	

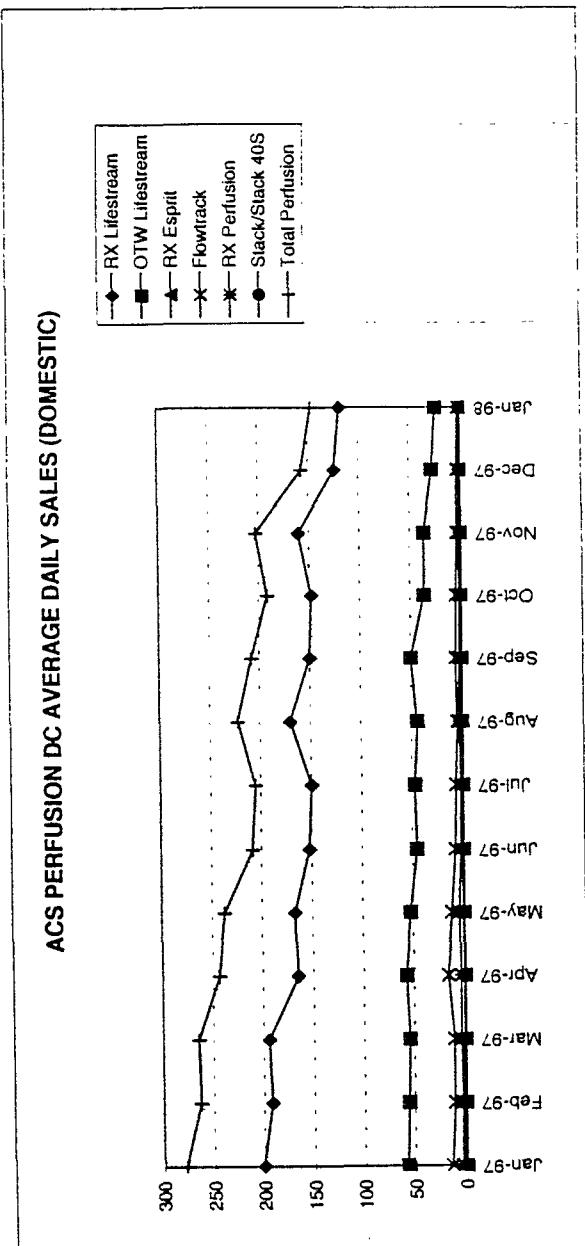
DOMESTIC DILATATION BY COMMODITY - RAPID EXCHANGE

RX Systems	Rocket	Comet VP	Bonnie	Comet	Goldie	Leap Express	Shortgoose	*ELPSE	Mongoose	*MC RAIL	Falcon	Express Plus		
		2	4%	5%	7%	7%	18%	24%	28%	32%	34%	30%	35%	52%
ACS														
ACS														
Schneider/Shiley														
ACS	29%	34%	35%	36%	43%	49%	38%	28%	14%	16%	15%	12%	7%	12%
Schneider/Shiley	10%	11%	11%	10%	11%	13%	12%	12%	16%	15%	12%	9%	6%	8%
SciMed/Mansfield	5%	5%	11%	16%	13%	6%	6%	6%	7%	7%	5%	5%	4%	4%
Schneider/Shiley	5%	6%	6%	5%	5%	4%	3%	3%	3%	2%	1%	1%	1%	2%
ACS	28%	23%	14%	11%	11%	10%	10%	9%	9%	7%	6%	3%	3%	2%
Schneider/Shiley	6%	5%	5%	4%	4%	4%	4%	4%	4%	4%	4%	2%	1%	1%
Schneider/Shiley	6%	5%	6%	5%	3%	3%	3%	5%	4%	4%	2%	1%	1%	1%
Medtronic	6%	5%	5%	4%	3%	2%	3%	3%	2%	2%	1%	1%	1%	1%
SciMed/Mansfield	3%	3%	2%	2%	2%	2%	3%	2%	1%	1%	1%	1%	0%	

ACS RAPID EXCHANGE AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Rocket													
Comet VP	19	116	166	184	153	158	145	165	273	468	231	845	
Comet	266	253	213	202	188	172	157	153	141	276	265	94	61
Ellipse	82	65	63	50	55	46	42	35	42	40	27	5	4
Streak 10/14	1	0	0	0	0	0	0	0	0	0	0	0	
TOTAL RX	348	337	393	418	427	372	357	333	348	588	1,127	1,046	1,070

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DOMESTIC DILATATION BY MANUFACTURER - PERfusion

	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Perfusion		1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
ACS	89%	84%	82%	86%	86%	86%	86%	86%	83%	83%	88%	88%	88%	89%
SciMed/Mansfield	11%	16%	18%	14%	14%	14%	14%	14%	17%	17%	12%	12%	12%	11%
PERFUSION AS A PERCENT OF BUSINESS		10%	10%	9%	8%	8%	7%	6%	7%	7%	6%	5%	5%	4%

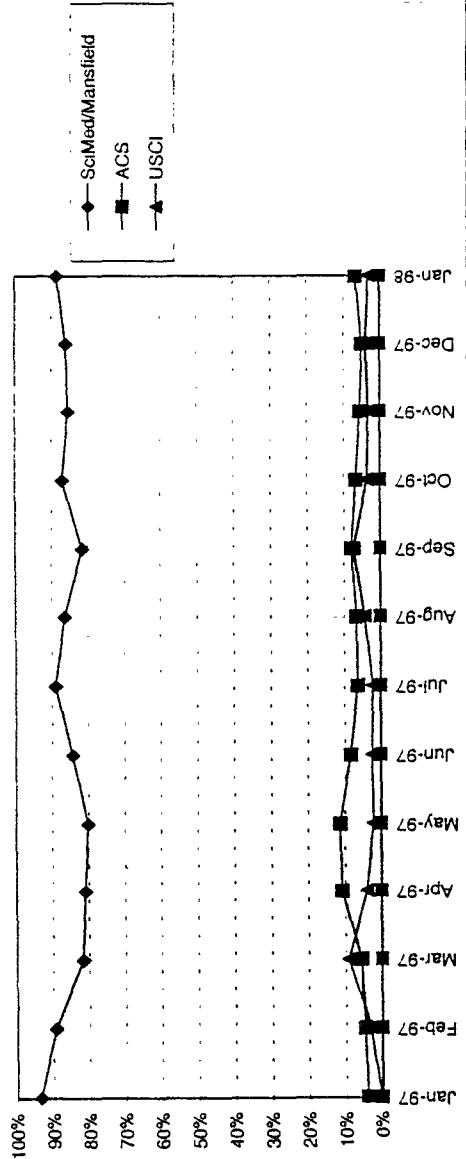
DOMESTIC DILATATION BY COMMODITY - PERfusion

*LIFESTREAM	69%	67%	70%	75%	76%	74%	76%	72%	72%	75%	72%	72%	67%	68%
Surpass	9%	14%	16%	13%	13%	14%	13%	16%	17%	12%	11%	10%	10%	10%
*RX PERFUSION	6%	6%	4%	4%	3%	4%	4%	4%	3%	3%	4%	4%	10%	9%
OTW Lifestream	1%	1%	2%	2%	2%	0%	0%	4%	7%	9%	11%	9%	9%	9%
*FLOWTRACK	12%	10%	7%	5%	5%	7%	5%	3%	1%	1%	1%	2%	2%	3%
Wave	2%	2%	2%	1%	1%	0%	0%	0%	0%	0%	1%	1%	2%	1%

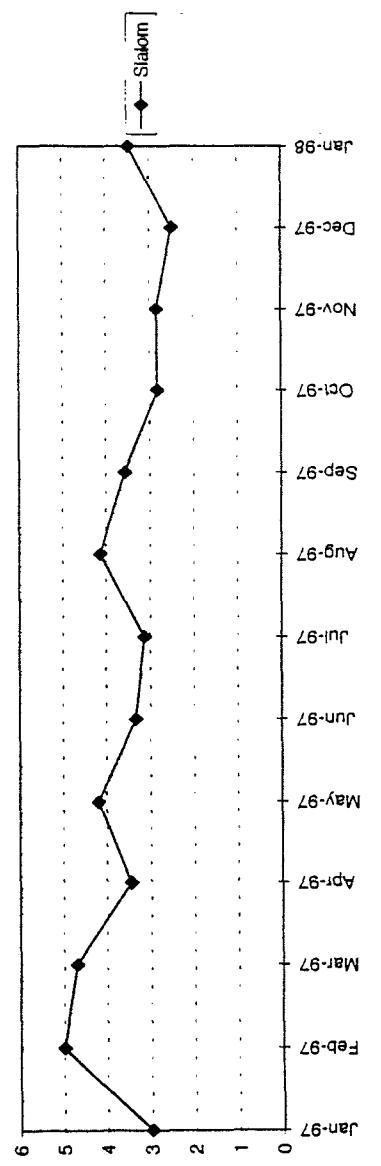
ACS PERfusion DC AVERAGE DAILY SALES (DOMESTIC)														
	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98	
RX Lifestream	201	192	195	166	168	153	150	170	150	148	161	124	119	
OTW Lifestream	58	56	55	58	53	46	47	44	50	37	36	28	24	
RX Esprit										1	1	1	2	
Flowtrack	14	11	11	17	12	8	7	5	6	5	4	3	2	
RX Perfusion	4	3	4	4	5	3	2	3	2	1	1	1	0	
Stack/Stack 40S	1	1	0	0					0					
Total Perfusion	278	263	265	244	238	209	206	223	208	192	203	157	147	

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DOMESTIC DILATATION BY MANUFACTURER - INTEGRATED SYSTEMS



ACS INTEGRATED SYSTEMS AVERAGE DAILY SALES (DOMESTIC)



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DOMESTIC DILATATION BY MANUFACTURER - INTEGRATED SYSTEMS

		2 Months Rolling Avg.													
		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998	
Integrated	SciMed/Mansfield	94%	89%	82%	81%	80%	84%	89%	87%	82%	87%	85%	86%	88%	
	ACS	4%	5%	6%	11%	11%	8%	6%	7%	8%	7%	6%	5%	7%	
	USCI	0%	3%	9%	4%	2%	3%	2%	4%	7%	4%	3%	4%	3%	
	JJIS/Cordis	2%	3%	3%	4%	6%	5%	2%	2%	3%	2%	6%	5%	2%	
INT. AS A PERCENT OF BUSINESS		3%	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	

DOMESTIC DILATATION BY COMMODITY - INTEGRATED SYSTEMS

		2 Months Rolling Avg.													
		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998	
Integrated Systems	*ACE	78%	77%	53%	55%	61%	68%	78%	69%	50%	60%	53%	53%	66%	
	Pivot	14%	10%	20%	17%	15%	14%	10%	16%	29%	24%	24%	26%	24%	
	Graft Ace	2%	2%	9%	9%	4%	2%	1%	2%	2%	4%	6%	9%	7%	
	Slalom	4%	5%	6%	11%	11%	8%	6%	7%	8%	7%	6%	5%	7%	
	Prober 2/3/4	0%	3%	9%	4%	2%	3%	2%	4%	7%	4%	3%	4%	3%	
	Lightning	2%	2%	3%	3%	2%	1%	0%	0%	1%	4%	4%	1%	1%	
	Orion	0%	0%	1%	3%	3%	1%	2%	3%	2%	1%	1%	1%	1%	

ACS INTEGRATED SYSTEMS AVERAGE DAILY SALES (DOMESTIC)															
		Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98	
Slalom		3	5	5	3	4	3	4	4	4	4	3	3	3	3
Total Int. Sys.		3	5	5	3	4	3	3	4	4	4	3	3	3	3

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MONTHLY MARKET SHARE FOR LONG BALLOONS											
	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997
LONG OTW-14											
SciMed/Mansfield	Long Ranger	3%	3%	3%	2%	2%	4%	5%	4%	4%	5%
SciMed/Mansfield	Long Bandit										
LONG OTW-14 AS A % OF OTW-14		5%	5%	6%	4%	4%	7%	8%	3%	6%	8%

LONG OTW-18	JJS/Cordis	Long Olympix	4%	6%	1%					1%	1%
LONG OTW-18 AS A % OF OTW-18			5%	11%	0%	1%	0%	0%	1%	0%	2%
LONG OTW AS A % OF OTW			5%	5%	6%	4%	3%	7%	8%	3%	6%
LONG OTW AS A % OF BUSINESS			4%	4%	4%	3%	3%	5%	6%	2%	5%
LONG INT	SciMed/Mansfield	Long Ace	2%	5%	5%	3%	4%	9%	7%	2%	3%

LONG INT AS A % OF INT			2%	5%	5%	3%	4%	9%	7%	2%	3%
LONG INT AS A % OF BUSINESS			0%	0%	0%	0%	0%	0%	0%	0%	0%
LONG PERfusion											

LONG PERfusion	ACS	Long Lifestream	8%	8%	12%	11%	13%	11%	9%	9%	12%
	ACS	Long Flowrack	2%	1%	2%	2%	2%	2%	1%	1%	1%
LONG PERF AS A % OF PERF											
LONG PERF AS A % OF BUSINESS											
LONG RX											

LONG RX	ACS	Long Eclipse	3%	2%	1%	2%	2%	2%	1%	1%	0%
LONG RX AS A % OF RX			4%	4%	2%	3%	3%	1%	1%	1%	0%
LONG RX AS A % OF BUSINESS			1%	1%	0%	0%	0%	0%	0%	0%	0%
Total Long Balloons % of BUSINESS			6%	5%	6%	4%	4%	3%	3%	5%	4%

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MONTHLY MARKET SHARE FOR HIGH PRESSURE/NON-COMPLIANT BALLOONS (RBP > 14 ATMs)

	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
OVER-THE-WIRE													
SciMed/Mansfield	NC Ranger												
JJS/Cordis	Charger												
SciMed/Mansfield	Quantum Ranger												
SciMed/Mansfield	Bandit NC	27%	30%	30%	29%	29%	22%	17%	17%	12%	15%	16%	15%
JJS/Cordis	Thor	6%	6%	5%	4%	6%	5%	5%	5%	3%	6%	6%	10%
JJS/Cordis	*TITAN	3%	3%	3%	4%	4%	4%	3%	3%	3%	4%	8%	9%
ACS	Tx2000 VP				0%	1%	2%	3%	3%	4%	4%	3%	2%
Medtronic	Millenia	2%	2%	2%	3%	1%	1%	1%	1%	1%	1%	1%	1%
JJS/Cordis	Jupiter	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
HP/NC OTW AS A % OF OTW		44%	45%	44%	44%	44%	36%	33%	39%	42%	41%	44%	47%
HP/NC OTW AS A % OF BUSINESS		30%	34%	32%	32%	33%	27%	25%	30%	33%	31%	30%	31%

RAPID EXCHANGE

	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
RAPID EXCHANGE													
Schneider/Shiley	Bonnie												
ACS	Comet VP												
Schneider/Shiley	Shortgoose	5%	8%	5%	6%	4%	3%	3%	4%	1%	2%	1%	1%
Schneider/Shiley	Mongoose	5%	5%	5%	4%	4%	4%	3%	4%	4%	3%	2%	1%
HP/NC RX AS A % OF RX		10%	14%	14%	13%	13%	17%	34%	29%	27%	38%	34%	28%
HP/NC RX AS A % OF BUSINESS		2%	2%	2%	2%	2%	3%	5%	4%	4%	7%	9%	8%
TOTAL HP/NC BALLOONS AS A % OF BUSINESS		32%	36%	35%	35%	30%	30%	34%	37%	38%	38%	39%	40%

MONTHLY MARKET SHARE FOR HP/NC SHORT BALLOONS (% of all BDC)

	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
HP/NC SHORT BALLOONS AS A % OF ALL BDC													
SciMed/Mansfield	Bandit NC	19%	22%	22%	21%	22%	17%	13%	13%	10%	7%	6%	4%
Schneider/Shiley	Shortgoose	1%	1%	1%	1%	1%	0%	1%	0%	0%	0%	0%	5%
HP/NC SHORT BALLOONS AS A % OF ALL BDC		19%	24%	22%	22%	17%	13%	14%	10%	7%	6%	4%	5%

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MONTHLY MARKET SHARE FOR EXTENDED PRESSURE BALLOONS (RBP = 9-14 ATM's)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
OVER-THE-WIRE	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
SciMed/Mansfield	10%	11%	15%	17%	20%	28%	32%	30%	32%	32%	32%	28%	27%
SciMed/Mansfield	18%	20%	17%	13%	12%	11%	10%	9%	8%	6%	6%	6%	7%
SciMed/Mansfield	5%	5%	6%	7%	8%	6%	6%	6%	5%	5%	3%	4%	3%
ACS	2%	2%	2%	3%	3%	2%	3%	2%	1%	2%	2%	2%	2%
JJS/Cordis	3%	2%	2%	3%	3%	3%	3%	2%	2%	3%	3%	3%	2%
JJS/Cordis	1%	1%	1%	2%	1%	2%	2%	2%	3%	2%	2%	2%	1%
Schneider/Shiley	Rebel					0%	1%	1%	0%	0%	1%	2%	1%
SciMed/Mansfield	Procross	2%	1%	2%	1%	1%	1%	1%	2%	2%	1%	2%	1%
USCI	TRAKSTAR	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%	0%	1%
JJS/Cordis	EXTENDED PRESSURE OTW AS A % OF BUSINESS	44%	45%	45%	46%	49%	57%	60%	55%	53%	54%	51%	48%
EXTENDED PRESSURE OTW AS A % OF BUSINESS	30%	34%	33%	34%	37%	43%	46%	42%	42%	40%	35%	31%	30%
RAPID EXCHANGE													
ACS	Rocket	33%	35%	35%	38%	50%	49%	27%	29%	35%	33%	22%	20%
ACS	Comet	10%	11%	10%	9%	14%	12%	13%	15%	17%	13%	12%	10%
Schneider/Shiley	Goldie	5%	6%	7%	4%	3%	3%	4%	6%	3%	2%	1%	6%
Schneider/Shiley	MC RAIL												1%
EXTENDED PRESSURE RX AS A % OF RX	49%	52%	52%	50%	67%	63%	43%	49%	55%	48%	55%	64%	70%
EXTENDED PRESSURE RX AS A % OF BUSINESS	8%	8%	9%	9%	10%	11%	7%	7%	7%	9%	14%	18%	20%
INTEGRATED SYSTEMS													
USCI	Probe 2/3/4	0%	12%	7%	2%	3%	2%	2%	9%	6%	1%	5%	3%
JJS/Cordis	Lightning	1%	6%	1%	5%	2%	1%	0%	0%	0%	1%	7%	1%
JJS/Cordis	Orion	1%			1%	4%	1%	1%	4%	2%	2%	1%	1%
EXTENDED PRESSURE INT AS A % OF INT	2%	18%	8%	8%	9%	5%	4%	12%	8%	4%	13%	5%	4%
EXTENDED PRESSURE INT AS A % OF BUSINESS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
PERFUSION													
ACS	LIFESTREAM	66%	68%	72%	78%	73%	76%	77%	68%	76%	73%	70%	63%
ACS	OTW Lifestream	1%	2%	1%	2%	1%	0%	0%	7%	8%	11%	11%	8%
EXTENDED PRESSURE PERF AS A % OF PERF	67%	70%	74%	81%	73%	76%	77%	75%	82%	82%	79%	70%	76%
EXTENDED PRESSURE PERF AS A % OF BUSINESS	7%	6%	6%	6%	5%	5%	5%	6%	5%	5%	4%	3%	3%
TOTAL EXTENDED PRESSURE BALLOONS AS A % OF BUSINESS	45%	48%	48%	49%	53%	59%	57%	55%	54%	54%	52%	53%	54%

DOMESTIC DILATATION CATHETER MARKET

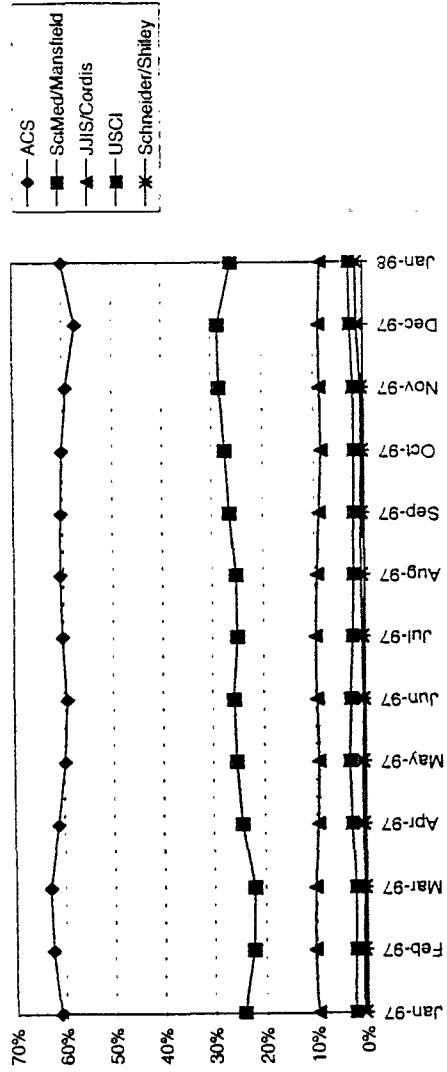
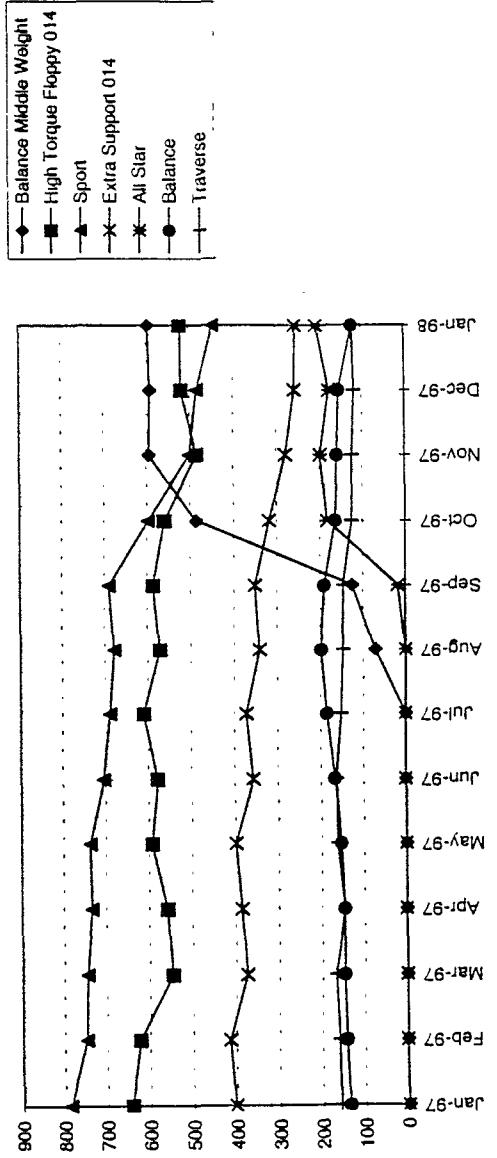
TOP 20

	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998	Jan 1998
Actual Numbers Report														
SciMed/Mansfield														
ACS														
SciMed/Mansfield														
JJS/Cordis														
SciMed/Mansfield														
SciMed/Mansfield														
Schneider/Shiley														
ACS														
ACS														
ACS														
Schneider/Shiley														
ACS														
JJS/Cordis														
JJS/Cordis														
JJS/Cordis														
JJS/Cordis														
SciMed/Mansfield														
Schneider/Shiley														
*Ranger	7%	8%	11%	12%	15%	21%	25%	23%	24%	24%	22%	18%	16%	18%
Rocket														
NC Ranger														
Charger														
Quantum Ranger														
*BANDIT	12%	15%	12%	10%	9%	8%	8%	7%	7%	5%	4%	4%	5%	5%
Bandit NC	19%	22%	22%	21%	22%	17%	13%	13%	10%	7%	6%	4%	5%	5%
Bonnie														
*LIFESTREAM	7%	6%	6%	6%	5%	5%	5%	5%	4%	4%	3%	3%	3%	3%
Comet VP														
Comet	5%	5%	6%	7%	7%	8%	4%	4%	5%	6%	5%	3%	3%	2%
Goldie	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	3%	2%	2%	2%
Tx2000	3%	3%	4%	4%	6%	6%	5%	5%	4%	4%	2%	3%	2%	2%
Thor	4%	5%	4%	4%	3%	4%	4%	4%	3%	3%	2%	2%	2%	2%
Valor	2%	2%	2%	2%	2%	2%	2%	2%	1%	2%	1%	1%	1%	1%
*TITAN	2%	2%	2%	2%	3%	3%	2%	2%	2%	2%	1%	2%	1%	1%
*PREDATOR	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	1%	1%
Lap Express	0%	1%	2%	3%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
*ACE	4%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Asuka	1%	1%	1%	1%	2%	1%	1%	1%	2%	2%	1%	1%	1%	1%

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DOMESTIC GUIDE WIRES BY MANUFACTURER														
	2 Months Rolling Avg.	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
ACS	61%	63%	63%	61%	60%	59%	60%	61%	60%	60%	59%	57%	57%	60%
SciMed/Mansfield	24%	22%	22%	24%	25%	26%	25%	27%	27%	28%	28%	29%	29%	26%
JJS/Cordis	10%	10%	10%	10%	9%	10%	10%	9%	9%	9%	9%	9%	9%	9%
USCI	3%	2%	2%	3%	3%	2%	2%	2%	2%	2%	2%	3%	3%	3%
Schneider/Shiley	1%	1%	0%	1%	0%	1%	1%	1%	0%	1%	1%	1%	1%	1%
PRODUCT DETAIL														
ACS	.014 Extra Support .014 SPort	13%	14%	13%	12%	12%	12%	14%	13%	11%	10%	9%	11%	12%
ACS	Balance Middle Weight	17%	17%	18%	17%	18%	18%	14%	14%	15%	15%	12%	10%	12%
ACS	Floppy 014 Choice PT	6%	7%	7%	6%	6%	6%	5%	5%	6%	7%	7%	7%	12%
SciMed/Mansfield	Choice	5%	4%	4%	5%	6%	5%	6%	6%	6%	6%	6%	6%	11%
SciMed/Mansfield	Choice Extra Support	4%	4%	4%	4%	5%	5%	6%	6%	6%	6%	6%	6%	8%
ACS	.014 Traverse	5%	5%	5%	4%	5%	6%	6%	6%	5%	5%	4%	4%	5%
ACS	ACS ALL STAR	3%	3%	3%	4%	4%	4%	4%	3%	3%	3%	3%	3%	4%
SciMed/Mansfield	Stabilizer Plus	4%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
ACS	Stabilizer	4%	4%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
JJS/Cordis	Heart Technology	0%	1%	2%	2%	1%	2%	2%	2%	2%	2%	2%	2%	2%
SciMed/Mansfield	Ironman	2%	2%	2%	2%	3%	3%	4%	4%	4%	4%	3%	3%	3%
ACS	Balance	2%	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
JJS/Cordis	Wisdom	2%	3%	3%	2%	0%	0%	1%	1%	1%	1%	1%	1%	2%
SciMed/Mansfield	Mailman													2%
ACS	Intermediate 014	1%	1%	1%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%
USCI	USCI14	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
SciMed/Mansfield	Scopior	3%	3%	3%	3%	3%	3%	2%	2%	2%	2%	2%	2%	1%
SciMed/Mansfield	Platinum Plus													1%
ACS	Standard 014													1%
SciMed/Mansfield	PT Graphix													1%
USCI	Silk 012	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
ACS	ACS 018	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%

As of Dec 97, Intermediate 014, Standard 014, and Floppy 014 split from the ACS 14 group

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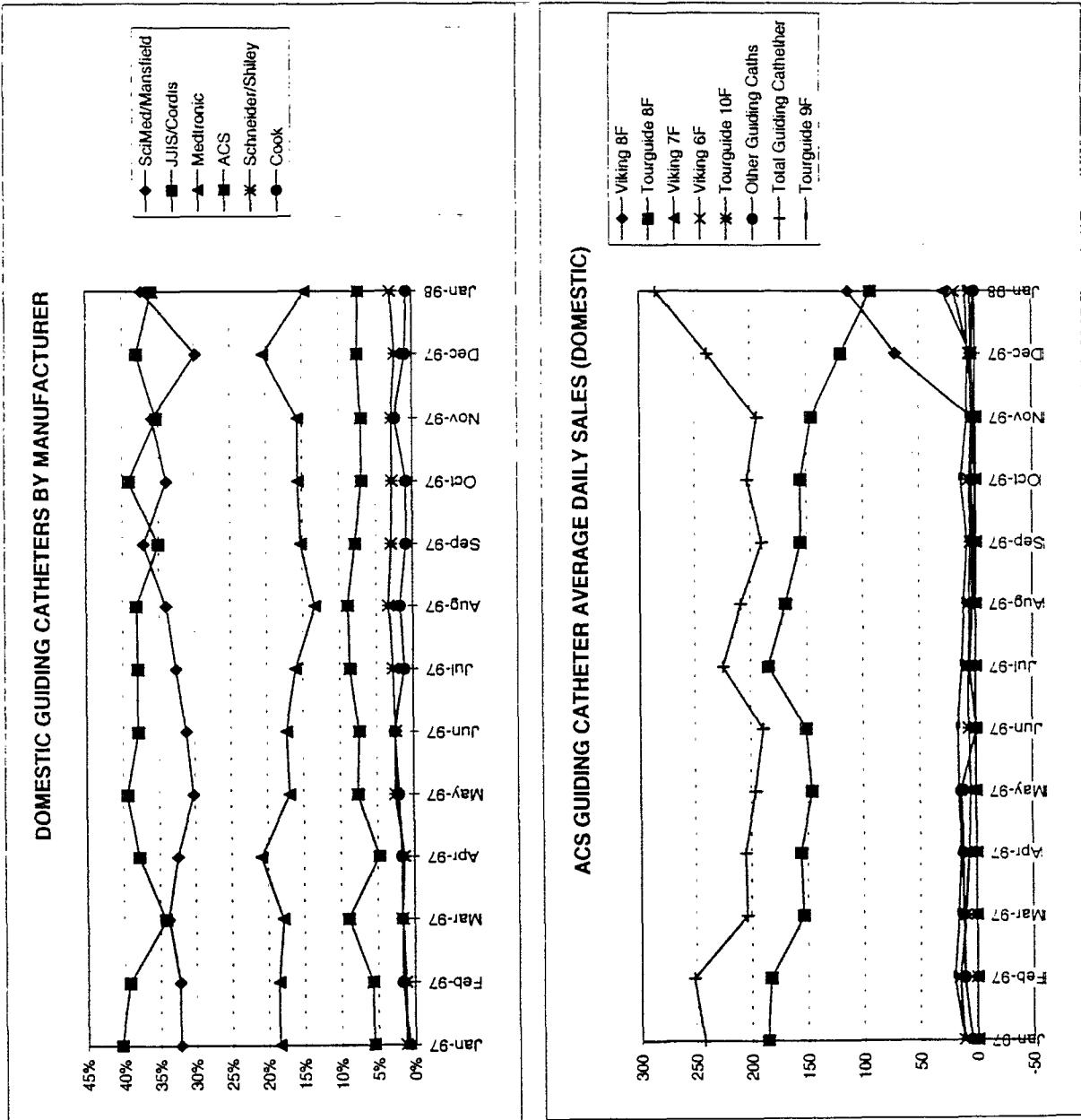
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ACS GUIDE WIRES AVERAGE DAILY SALES (DOMESTIC)													
	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Balance Middle Weight													
High Torque Floppy 014	643	623	547	558	593	579	610	572	587	560	486	520	522
Sport	787	748	746	734	737	704	689	678	690	598	501	484	447
Extra Support 014	403	415	375	386	399	357	373	342	351	318	279	259	256
All Star													
Balance	137	143	148	147	155	168	186	200	191	165	159	156	123
Traverse	159	161	168	147	164	165	152	148	146	126	124	119	123
Other 014	148	262	268	308	285	225	216	198	203	232	226	254	213
018	48	43	39	43	54	38	42	34	53	39	42	32	32
010	23	28	26	27	29	21	23	25	26	27	27	18	24
Total Coronary Wires	2,348	2,422	2,317	2,351	2,418	2,257	2,291	2,271	2,390	2,736	2,631	2,623	2,542
Doc	114	126	113	102	136	113	118	116	105	131	129	127	116
Anchor	33	30	38	18	27	49	31	29	35	25	28	16	20
Total Guide Wires	2495	2578	2468	2470	2581	2419	2440	2416	2530	2892	2789	2766	2677

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		EXCHANGE DEVICES													
		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998	
Actual Numbers															
ACS	DOC	48%	48%	48%	49%	47%	45%	47%	45%	44%	42%	41%		39%	
SciMed/Mansfield	Magnet	26%	23%	23%	26%	25%	20%	28%	22%	23%	29%	26%	32%	27%	
SciMed/Mansfield	Trapper	12%	9%	10%	13%	10%	15%	9%	10%	16%	12%	15%	10%	12%	
JIS/Cordis	CORDIS TRANSIT														
ACS	Anchor	6%	7%	12%	6%	9%	13%	9%	11%	8%	5%	7%		7%	
USCI	Linx	5%	5%	5%	3%	3%	3%	4%	6%	2%	4%	5%	2%	4%	
JIS/Cordis	Cinch	2%	6%	3%	4%	3%	2%	2%	4%	2%	3%	2%		2%	

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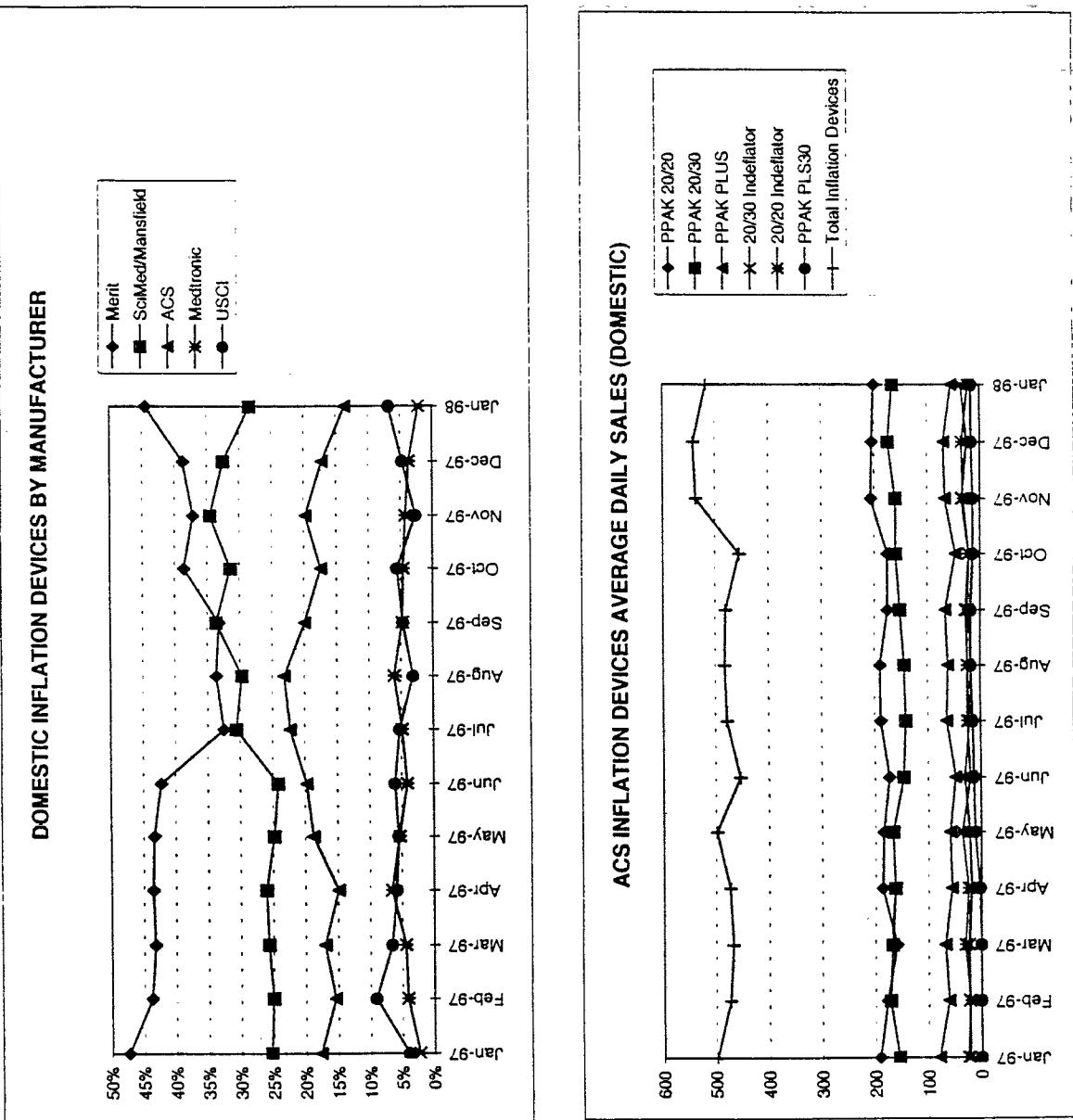
DOMESTIC GUIDING CATHETERS BY MANUFACTURER

Actual Numbers	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
SciMed/Mansfield	32%	32%	34%	33%	30%	31%	33%	34%	37%	34%	36%	30%	37%
JJS/Cordis	40%	39%	34%	38%	39%	38%	38%	38%	35%	39%	35%	38%	36%
Medtronic	19%	19%	18%	21%	17%	17%	16%	13%	15%	16%	16%	20%	15%
ACS	6%	6%	9%	5%	8%	7%	9%	9%	8%	7%	7%	8%	7%
Schneider/Shiley	1%	1%	2%	1%	3%	2%	3%	3%	3%	3%	3%	2%	3%
Cook	1%	2%	2%	2%	3%	1%	2%	1%	1%	1%	2%	1%	1%
PRODUCT DETAIL (Top 15)													
JJS/Cordis	Vista Bright .086/Large Lumen	31%	31%	28%	32%	35%	34%	29%	34%	30%	33%	30%	33%
SciMed/Mansfield	Cyberguide	24%	22%	25%	23%	19%	22%	27%	28%	30%	27%	28%	19%
Medtronic	Vector	5%	6%	5%	6%	5%	4%	4%	4%	6%	6%	5%	7%
SciMed/Mansfield	Triguide	5%	6%	4%	1%	1%	1%	1%	1%	1%	1%	1%	1%
SciMed/Mansfield	Triguide Plus .086/Triguide	5%	6%	4%	1%	3%	2%	2%	2%	3%	2%	2%	2%
Medtronic	Sherpa Peak Flow .086/Sherpa	8%	8%	8%	9%	7%	10%	7%	6%	7%	5%	7%	11%
SciMed/Mansfield	Wiseguide												
ACS	Tourguide	5%	5%	7%	4%	6%	6%	6%	8%	7%	6%	6%	7%
JJS/Cordis	Bright Tip	8%	7%	6%	5%	5%	4%	8%	4%	4%	6%	4%	5%
ACS	Viking												
SciMed/Mansfield	Large Lumen 8F	3%	5%	4%	4%	3%	4%	2%	2%	1%	2%	1%	3%
Medtronic	Ascent	2%	3%	3%	3%	3%	2%	3%	2%	2%	2%	3%	2%
Schneider/Shiley	Guider												
JJS/Cordis	Petite Bright	1%	1%	1%	1%	0%	0%	0%	0%	1%	0%	0%	1%
Cook	Cook Lumax	0%	1%	1%	2%	2%	1%	1%	1%	1%	2%	1%	1%

ACS GUIDING CATHETERS AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Viking 8F	186	183	154	156	146	151	184	169	156	156	146	119	112
Viking 7F												4	29
Viking 6F												5	19
Tourguide 7F	19	14	5	9	10	11	9	14	13	17	19	17	15
Tourguide 9F	12	20	16	14	15	16	12	11	8	13	8	7	9
Tourguide 10F	12	15	10	7	5	6	6	6	5	6	3	4	4
Tourguide 6F	9	9	8	8	7	5	7	6	7	8	9	8	4
Other Guiding Catheters	5	11	12	12	13	-1	6	3	2	3	3	3	1
Total Guiding Catheter	243	252	204	205	196	189	225	209	190	203	194	239	285

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DOMESTIC INFLATION DEVICES BY MANUFACTURER

Actual Numbers	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Merit	47%	44%	43%	44%	43%	42%	33%	34%	33%	39%	37%	39%	45%
SciMed/Mansfield	25%	25%	26%	25%	24%	31%	30%	34%	31%	35%	32%	32%	28%
ACS	18%	15%	17%	15%	19%	20%	22%	23%	20%	17%	20%	17%	14%
USCI	4%	9%	7%	6%	6%	5%	5%	3%	5%	6%	3%	5%	7%
Medtronic	2%	4%	4%	7%	5%	4%	5%	6%	5%	4%	4%	4%	2%
Namic	3%	2%	3%	3%	1%	2%	3%	2%	2%	2%	0%	2%	1%
BRAUN	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Morse	0%	0%	0%	0%	0%	1%	0%	1%	1%	0%	0%	0%	1%

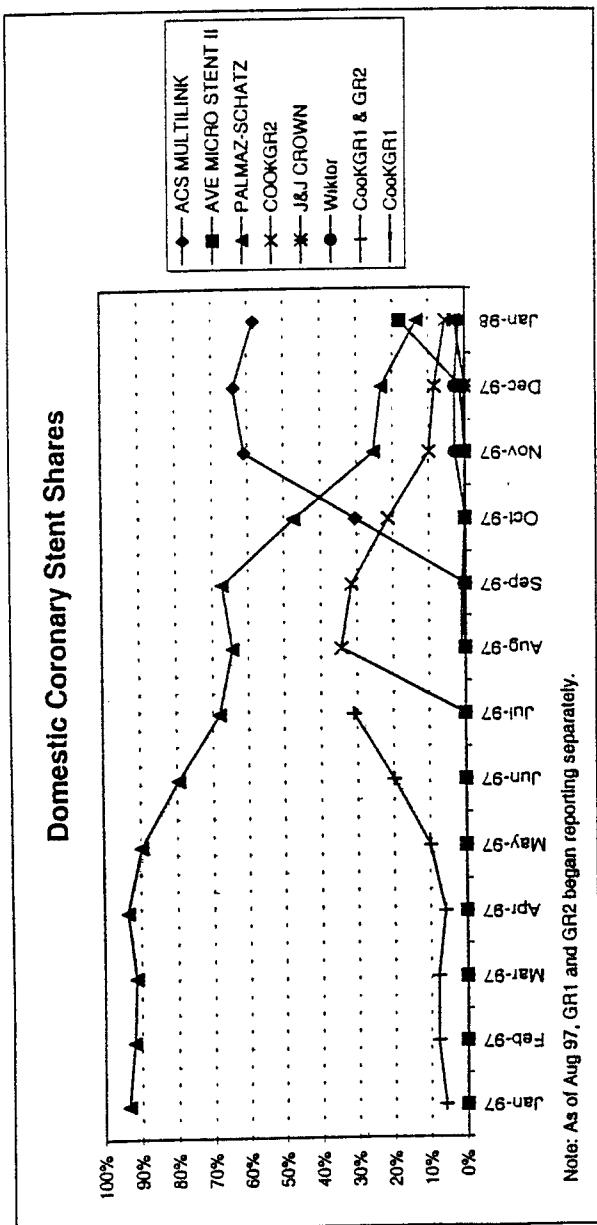
INFLATION DEVICE DETAIL

Merit	IntelliSystem/Intelliflator	18%	17%	17%	15%	17%	16%	15%	13%	15%	17%	14%	13%
SciMed/Mansfield	Encore	11%	12%	17%	18%	15%	18%	17%	18%	15%	20%	20%	15%
SciMed/Mansfield	Advantage	7%	8%	8%	8%	9%	11%	10%	10%	15%	17%	15%	12%
Merit	Request (Custom Kit)	10%	9%	9%	11%	10%	10%	8%	8%	6%	6%	9%	14%
Merit	Monarch	7%	8%	7%	6%	7%	8%	5%	6%	7%	9%	9%	8%
Merit	Basix	10%	8%	9%	9%	7%	6%	4%	5%	5%	6%	6%	4%
USCI	Frosto/Plus	4%	6%	6%	5%	5%	5%	2%	2%	4%	4%	5%	3%
ACS	Priority Pack 20/30	1%	3%	1%	4%	2%	2%	5%	4%	6%	5%	6%	6%
ACS	Priority Pack 20/20	8%	7%	6%	4%	7%	11%	10%	10%	6%	8%	7%	6%
ACS	Priority Pack Plus 20	5%	5%	5%	6%	5%	5%	6%	7%	6%	3%	4%	3%
Medtronic	Everest	2%	4%	4%	7%	5%	4%	5%	6%	5%	5%	4%	2%
Namic	Breeze	1%	1%	2%	1%	1%	2%	2%	2%	2%	2%	0%	1%
BRAUN	INDEFLATOR	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%
Morse	Morse	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
Wizard	Wizard	0%	2%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Ideal	Ideal	0%	2%	1%	2%	2%	1%	1%	1%	1%	1%	1%	0%
20/20 Indellator	20/20 Indellator	4%	2%	1%	2%	0%	0%	1%	1%	1%	1%	2%	0%
Indellator Plus	Indellator Plus	1%	0%	2%	0%	0%	1%	0%	1%	0%	0%	1%	0%

ACS INFLATION DEVICES AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
PPAK 20/20	192	177	159	95	187	185	174	189	190	175	176	207	205
PPAK 20/30	156	172	168	163	167	146	142	145	152	160	161	175	201
PPAK PLUS	80	61	68	56	59	49	64	61	66	47	66	69	55
20/30 Indellator	22	23	23	18	22	30	22	23	28	22	35	25	35
IND/IND PLUS	23	19	18	23	19	22	20	21	18	16	22	19	22
20/20 Indellator	26	21	30	24	36	20	25	23	21	32	34	22	22
PPAK PLS30				3	11	14	15	18	18	14	14	16	16
Total Inflation Devices	499	473	468	474	499	454	478	482	481	455	537	542	517

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2ND GENERATION INTERVENTIONAL DEVICES

		CORONARY STENT SHARE											
		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997
ACTUAL NUMBERS		1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
All	All Stents	86%	87%	87%	87%	88%	88%	88%	87%	89%	87%	89%	87%
SciMed/Mansfield DVI	Rotablator	12%	11%	11%	11%	11%	9%	10%	12%	9%	11%	10%	12%
	DVIATH	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%
% of all devices (BDC + All. Tech.)		31%	31%	33%	34%	37%	32%	35%	36%	36%	37%	38%	38%

		ACS CORONARY STENT AVERAGE DAILY SALES (DOMESTIC)											
		Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97
ACTUAL NUMBERS		1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
ACS	ACS MULTILINK												
AVE	AVE MICRO STENT II												
JJS/Cordis	PALMAZ-SCHATZ	94%	92%	94%	90%	80%	68%	65%	67%	47%	25%	23%	18%
Cook	COOKGR2							34%	32%	21%	10%	8%	5%
JJS/Cordis	J&J CROWN												
Medtronic	Wiktor												
Cook	CoakGR1 & GR2	6%	8%	8%	6%	10%	20%	31%	1%	0%	3%	3%	3%
Cook	CoakGR1												

* As of Aug 1997, the GR1 and GR2 were split.

		ACS CORONARY STENT AVERAGE DAILY SALES (DOMESTIC)											
		Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97
ACTUAL NUMBERS		1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
	ACS Multi-Link												
	ACS Multi-Link HP												
	Total ACS Coronary Stents												

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DIAGNOSTIC CATHETERS

ACTUAL NUMBERS	DIAGNOSTIC CATHETERS											
	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997
Cordis/RJ	Cordis Diagnostics	42%	49%	31%	46%	48%	47%	48%	43%	42%	43%	41%
SciMed/Mansfield	SciMed Diagnostics	27%	24%	48%	29%	27%	26%	30%	35%	32%	32%	35%
USCI	USCI Diagnostics	25%	22%	16%	19%	19%	18%	13%	11%	14%	12%	11%
Medtronic	Medtronic Diagnostics	2%	2%	1%	2%	1%	4%	5%	4%	5%	5%	6%
Mallinckrodt	Mallinckrodt Diagnostics	3%	2%	2%	3%	3%	3%	2%	2%	3%	3%	3%
Namic	Namic Diagnostics	1%	0%	1%	0%	1%	1%	1%	1%	1%	1%	1%
Cook	Cook Diagnostics			0%	0%	1%	1%	0%	1%	1%	1%	1%
ACS	ACS Diagnostics			1%	0%	1%	0%	1%	0%	1%	1%	0%
MediDyne	MediDyne Diagnostics					1%	1%	1%	1%	1%	0%	1%

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Exhibit 2

G U I D A N T**January 1999**

FEB 24 1999

U.S. Market Overview**VASCULAR INTERVENTION****C O N F I D E N T I A L****Distribution****Senior Staff**

Calfee, Richard
 Graham, G.
 Johnson, G.
 Larson, B.
 Martlage, D.
 McInnes, P.
 Mead, D.
 Murray, M.
 Neels, G.
 Norton, S.
 Pandolfini, E.
 Peterson, T.
 Simpson, C.

Houston
 S212
 S121
 T500
 S211
 T520
 S232
 S220
 S112
 T200
 S112
 S214
 S116

Directors

Baer, P.
 Bradshaw, T.
 Chludzinski, M.
 Crall, C.
 Crapenhoft, M.
 Degois-Sainz, M.
 Edison, J.
 Esselein, B.
 Garfield, G.
 Hirsch, E.
 King, G.
 Kitchen, T.
 Lott, S.
 Malito, O.
 Mondry, M.

Houston
 Houston
 S238
 T540
 S214
 S311
 Houston
 T120
 S214
 S214
 GDT-Jpn
 S214
 Houston
 S116
 S242

GSC

Antinori, D. - GDT - SE Ofc.
 Baumgardt, J. - GDT HQ, Indy
 Blanchard, T. - GDT HQ, Indy
 Davis, B. - S001
 Ethridge, J. - S001
 Harrold, M. - GDT - NE Ofc.
 Hopper, P. - S105
 Neupert, J. - GDT HQ, Indy
 Rhatigan, K. - S001
 Rieth, A. - GDT HQ, Indy
 Sherman, M. - GDT HQ, Indy

Finance

Bartels, S.
 Koford, D.

S216
 T120

Directors

Muller, P.
 Nayak, V.
 Raggi, L.

S116
 S120
 S216
 S135
 S214
 S238
 S232
 Houston
 S214

GDT HQ

Garrett, M. - GDT HQ, Indy
 Sherman, K. - GDT HQ, Indy

GDT JPN

Asano, K. - GDT JPN
 Heilbrunn, D. - GDT JPN
 Ito, K. - GDT JPN
 Miyashita, A. - GDT JPN
 Ohnishi, S. - GDT JPN
 Suzuki, K. - GDT JPN

Business Development

Cummings, C.
 Jacobsen, C.
 Nemeth, J.
 Wallen, R.
 Zavelson, L.

S214
 S214
 S214
 S214
 S214

Saltman, B.
 Schneiderman, G.
 Sirhan, M.
 Spaulding, R.
 Thornton, R.
 Walker, S.

S135
 S214
 S238
 S232
 Houston
 S214

Global Marketing

(80 copies)

S112

Temecula

Winton, B.
 Kimes, R.

T400
 T520



Please forward questions regarding this distribution list to Linh Ho, ext. 53585



**January 1999
U.S. Market Overview
Table of Contents**

Executive Overview -----	1
Stent and Atherectomy Business Units	
Stent Segment -----	2
2nd Generation Interventional Devices -----	3
Dilatation Business Unit	
Total Business & Average Daily Sales-----	4
Over-the-Wire Segment -----	6
Rapid Exchange Segment-----	10
Perfusion Segment -----	12
Integrated Systems Segment -----	14
High-Pressure/Non-Compliant Balloons & Short Balloons (HP/NC)-	16
Extended Pressure Balloons -----	17
Top 20 Dilatation Catheters -----	18
Guide Wire Business Unit	
Guide Wires -----	19
Exchange Devices -----	22
Accessories Business Unit	
Guiding Catheter Segment -----	23
Inflation Device Segment -----	25

USMO Executive Summary

January 1999

Coronary Stents

Average Daily Sales (Units)			Manufacturer	Share	Change	
	Dec	Jan				
Market*	3280	3322	1%	Guidant	52%	(+3 pp)
Guidant	1760	1779	1%	Boston Scientific	28%	(-3 pp)
			AVE	16%	stable	
			JJIS/Cordis	3%	(-1 pp)	

Top Selling Coronary Stent: ACS ML Duet 48% (+5pp)

* Market ADS is calculated using ACS unit share and ACS units sold with adjustments for inventory levels.

Dilatation Catheter Business

Market Average Daily Sales (Units)**			Guidant Average Daily Sales (Units)		
	Dec	Jan	Segment	Dec	Jan
	3947	3652	RX	859	823
			OTW	243	238
**Market ADS is calculated using rolling ACS share of units used from cath lab panel and rolling ACS units sold.			Perfusion	54	52
			IS	-	n/a
				1,156	1,114
					-4%

In January, SciMed/Schneider (59%) lost 3 pp. Guidant (31%) gained 2 pp. JJIS/Cordis (6%) lost 1 pp and Medtronic/ USCI/AVE (3%) gained 1 pp.

Top Selling Dilatation Catheter: Scimed Ranger (20%, -2pp).

Dilatation Catheter Market Segments					
Market Segment Mix					
OTW	63%	(-3 pp)	Perfusion	2%	(stable)
RX	33%	(+2 pp)	IS	2%	(stable)
Over-the-Wire					
Manufacturer	Share	Change	Rapid Exchange		
SciMed/Schneider	75%	(-2 pp)	Manufacturer	Share	Change
JJIS/Cordis	10%	(stable)	Guidant	71%	(+1 pp)
Guidant	10%	(stable)	SciMed/Schneider	29%	(-1 pp)
Medtronic/USCI/AVE	4%	(+1 pp)			
Top Product: SciMed Ranger (33%, -1 pp) Comments: SciMed/Schneider lost 2pp while Medtronic/USCI/AVE gained 1pp. Guidant and Cordis were stable.			Top Product: ACS Rocket (61%, stable) Comments: Guidant gained 1pp while SciMed/Schneider lost 1 pp.		

High Pressure/Non-Compliant & Extended Pressure/Front-line

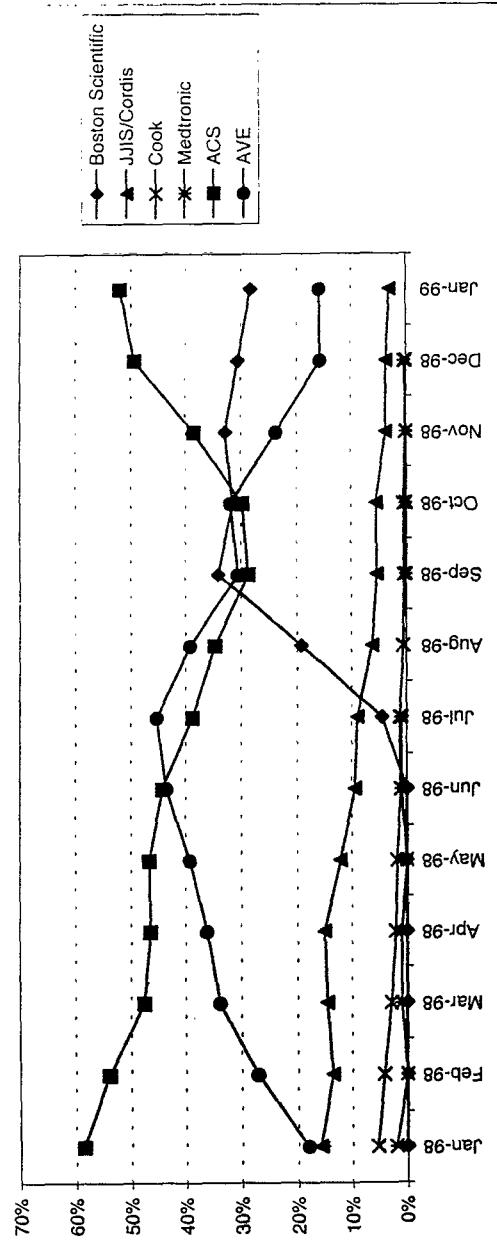
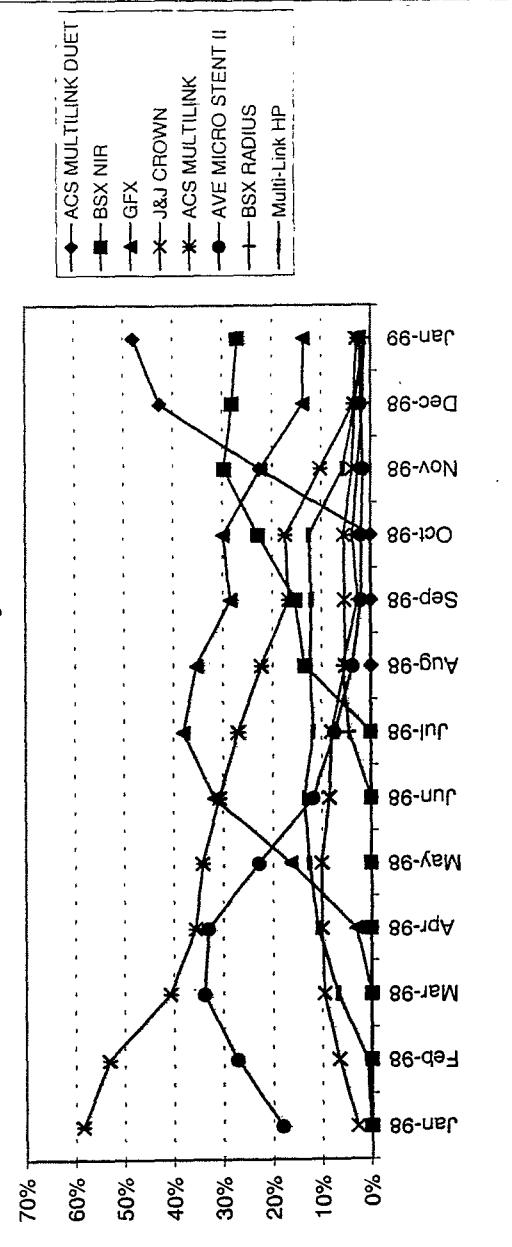
HP/NC (RBP > 14 ATM) as % of Business			Ext. Pressure (RBP = 9-14 ATM) as % of Business		
Nov	Dec	Jan	Nov	Dec	Jan
39%	37%	37%	57%	59%	56%

Guide Wires

Manufacturer	Share	Change
Guidant	60%	(+1 pp)
SciMed/Schneider	30%	(stable)
Cordis	6%	(-1 pp)
Medtronic/AVE/USCI	2%	(stable)

Guiding Catheters

Manufacturer	Share	Change
SciMed/Schneider	38%	(-1 pp)
JJIS/Cordis	33%	(+1 pp)
Guidant	16%	(stable)
MDT/AVE/USCI	12%	(stable)

Domestic Coronary Stent Shares By Manufacturer**Domestic Coronary Stent Shares**

2ND GENERATION INTERVENTIONAL DEVICES

ACTUAL NUMBERS		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
All	BSX/SciMed/Schneider	All Stents	87%	89%	91%	91%	92%	91%	92%	92%	92%	92%	92%	93%
ROTABLATOR		12%	10%	8%	9%	7%	7%	8%	8%	7%	7%	7%	7%	7%

% of all devices (BDC + All. Tech.)

CORONARY STENT SHARE BY MANUFACTURER

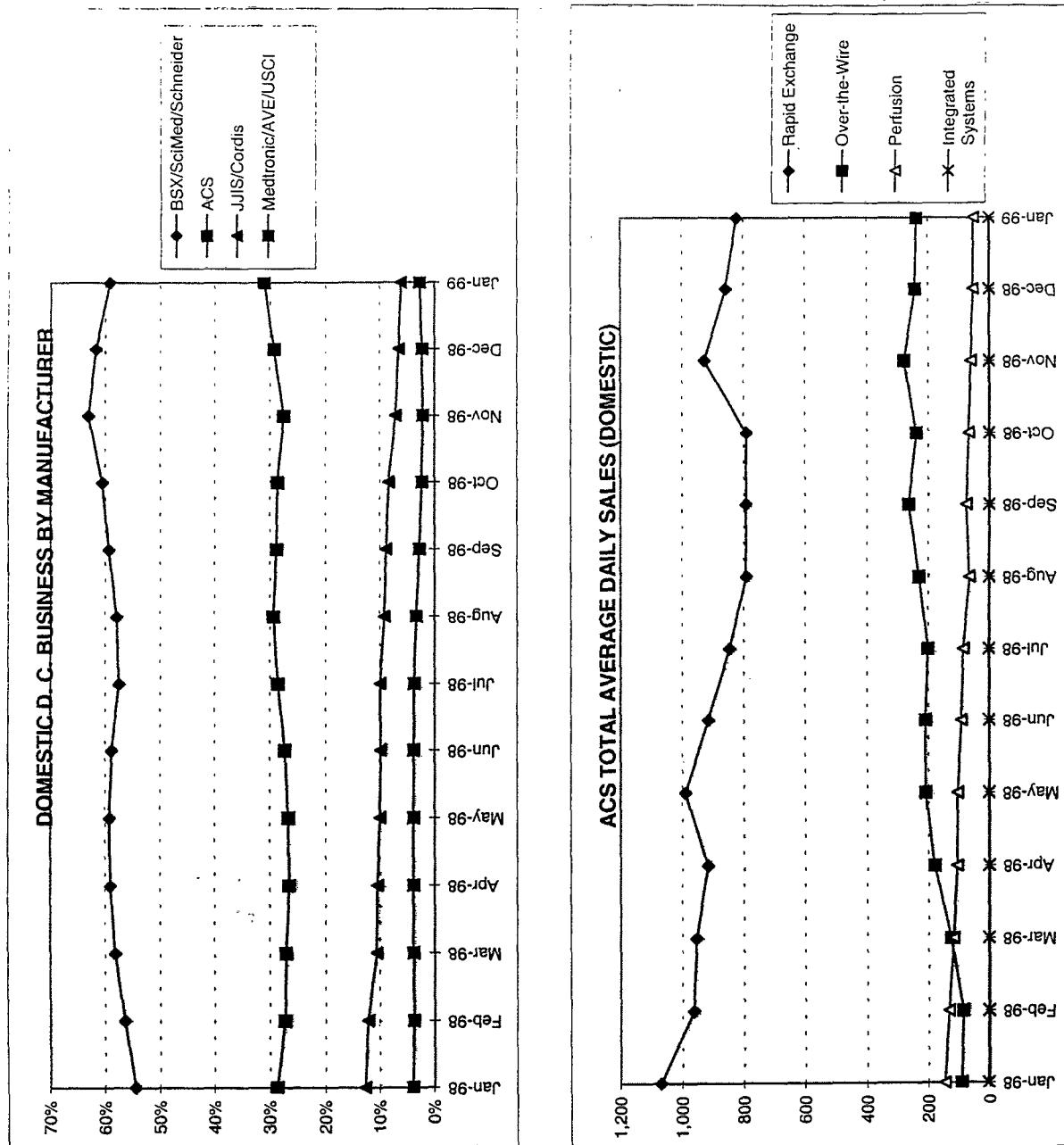
ACTUAL NUMBERS		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
Boston Scientific	ACS	59%	54%	48%	47%	47%	44%	39%	35%	29%	30%	39%	49%	52%
AVE	JJS/Cordis	18%	27%	34%	36%	39%	44%	5%	19%	34%	32%	33%	31%	28%
Cook	JJS/Cordis	5%	14%	15%	15%	12%	10%	9%	39%	31%	32%	24%	16%	16%
Medtronic	Medtronic	2%	4%	3%	2%	2%	1%	1%	1%	5%	5%	4%	4%	3%
										1%	0%	0%	0%	0%

CORONARY STENT SHARE

ACTUAL NUMBERS		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
BSX/SciMed/Schneider	ACS MULTILINK DUET													
Medtronic/AVE/USCI	BSX NIR													
JJS/Cordis	GFX													
ACS	J&J CROWN	3%	7%	10%	10%	9%	8%	38%	35%	14%	15%	23%	23%	43%
Medtronic/AVE/USCI	ACS MULTILINK	58%	53%	41%	36%	34%	31%	27%	22%	5%	5%	30%	30%	28%
BSX/SciMed/Schneider	AVE MICRO STENT II	18%	27%	34%	33%	23%	12%	7%	4%	17%	17%	10%	10%	14%
BSX/SciMed/Schneider	BSX RADIUS													
ACS	Multi-Link HP	0%	1%	7%	11%	13%	14%	12%	12%	6%	6%	2%	2%	3%
NIR W/SOX	NIR W/SOX													
JJS/Cordis	PalmaZ Schatz	13%	7%	5%	5%	2%	1%	1%	1%	1%	1%	13%	13%	3%
Cook	GR2	5%	4%	3%	2%	1%	1%	1%	1%	1%	1%	5%	5%	1%
Medtronic/AVE/USCI	Wiktor Rival	2%		1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%

As of Sept 98, the NIR Share was split to NIR and NIR w/SOX

ACS CORONARY STENT AVERAGE DAILY SALES (DOMESTIC)													
	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
ACS Multi-Link Duet	1,484	1,210	1,071	980	982	825	716	566	447	371	239	1,690	1,738
ACS Multi-Link	51	258	361	447	480	442	420	423	435	434	239	40	28
Total ACS Coronary Stents	1,535	1,469	1,432	1,428	1,462	1,268	1,136	988	882	805	1,417	1,760	1,779



DOMESTIC D. C. BUSINESS BY MANUFACTURER

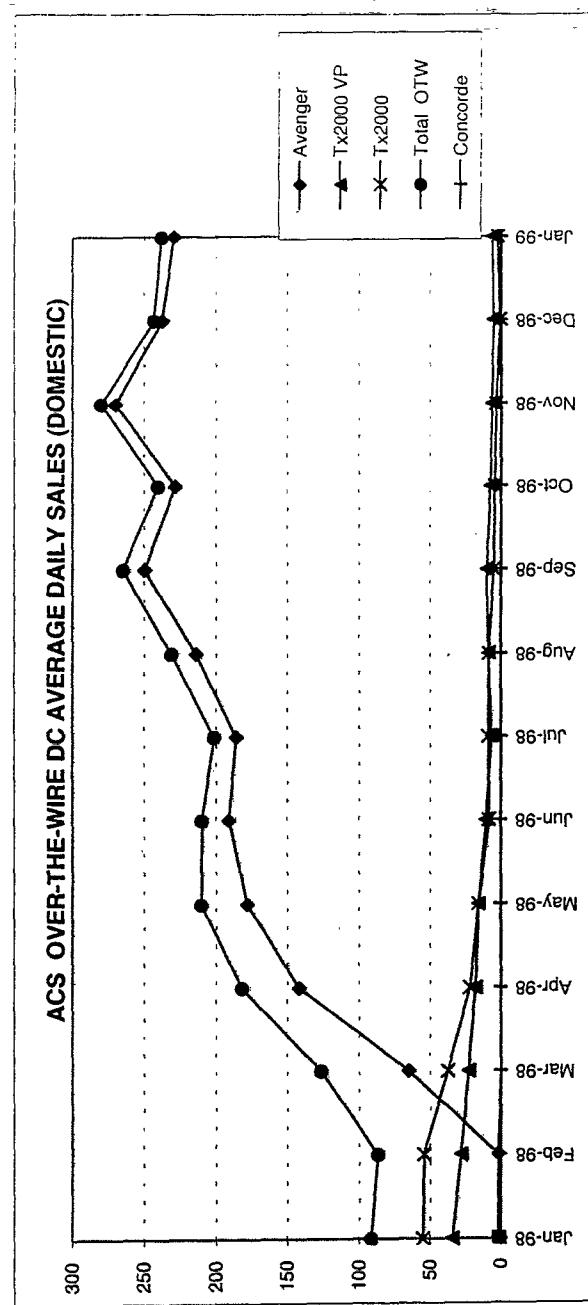
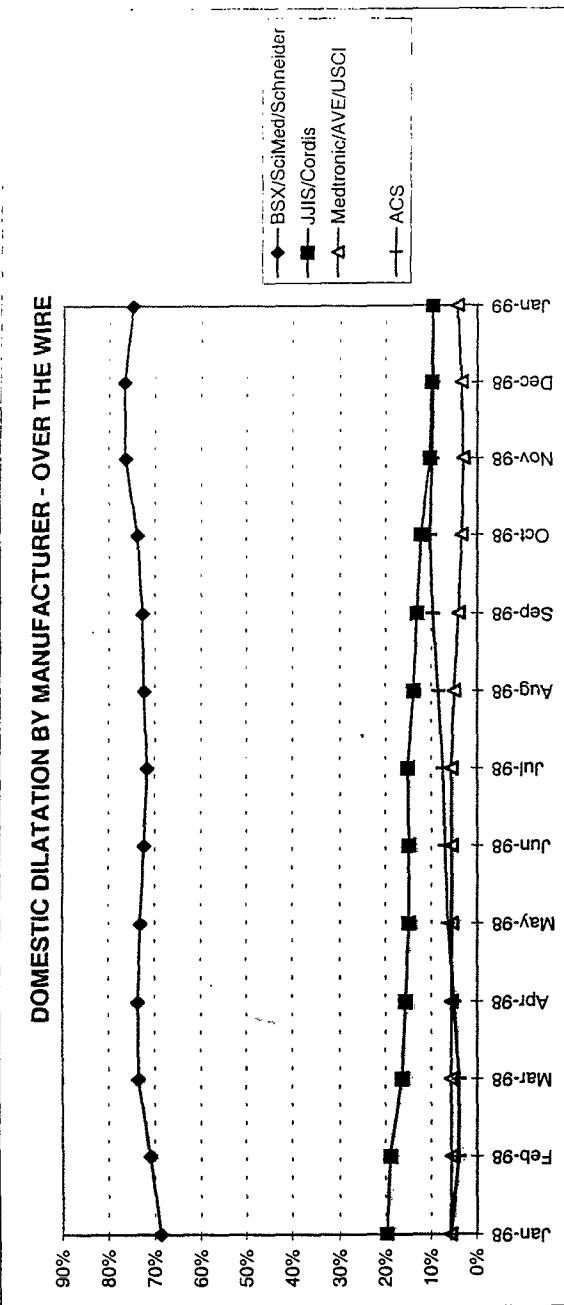
MANUFACTURER	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
		1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
BSX/SciMed/Schneider	55%	56%	58%	59%	59%	59%	58%	58%	59%	61%	63%	62%	59%	59%
ACS	29%	27%	27%	27%	27%	27%	29%	29%	29%	29%	28%	29%	31%	31%
JJS/Cordis	13%	12%	11%	10%	10%	10%	10%	9%	9%	8%	7%	7%	6%	6%
Medtronic/AVE/USCI	4%	4%	4%	4%	4%	4%	4%	3%	3%	2%	2%	2%	3%	3%

DOMESTIC D. C. BUSINESS BY SEGMENT

Segment	Over-the-Wire	Rapid Exchange	Integrated Systems	Perfusion	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
					1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
Over-the-Wire	64%	64%	65%	67%	67%	67%	67%	66%	66%	67%	68%	68%	69%	66%
Rapid Exchange	30%	31%	30%	28%	28%	28%	29%	30%	30%	29%	28%	28%	31%	33%
Integrated Systems	2%	1%	1%	2%	2%	2%	1%	1%	1%	2%	2%	1%	2%	2%
Perfusion	4%	4%	4%	3%	3%	3%	3%	3%	2%	2%	2%	2%	2%	2%

ACS TOTAL AVERAGE DAILY SALES (DOMESTIC)

Segment	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
	1,312	1,186	1,202	1,209	1,306	1,218	1,133	1,090	1,134	1,102	1,269	1,156	1,114
Rapid Exchange	1,070	963	954	917	990	917	847	793	793	929	869	823	
Over-the-Wire	92	87	127	182	210	210	201	231	265	240	280	243	238
Perfusion	147	134	119	107	105	91	85	66	76	69	61	54	52
Integrated Systems	3	2	3	3	1	0							
Total ADS													



DOMESTIC DILATATION BY MANUFACTURER - OVER THE WIRE

Over-The-Wire	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
BSX/SciMed/Schneider	69%	71%	74%	74%	73%	72%	72%	73%	74%	77%	77%	77%	75%
JJIS/Cordis	20%	19%	16%	16%	15%	15%	15%	14%	13%	12%	10%	10%	10%
ACS	6%	4%	4%	5%	6%	7%	7%	9%	10%	10%	10%	10%	10%
Medtronic/AVE/USCI	6%	6%	6%	6%	6%	6%	6%	5%	4%	3%	3%	3%	4%
OTW AS A PERCENT OF BUSINESS		64%	64%	65%	67%	67%	66%	66%	67%	68%	69%	66%	63%

DOMESTIC DILATATION BY COMMODITY - OVER THE WIRE

OTW Systems (Top 10)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
BSX/SciMed/Schneider	28%	28%	28%	29%	30%	30%	28%	28%	29%	30%	32%	34%
BSX/SciMed/Schneider	9%	10%	13%	14%	16%	18%	20%	19%	20%	21%	19%	19%
BSX/SciMed/Schneider	16%	15%	14%	12%	12%	11%	11%	13%	12%	12%	14%	14%
ACS	0%	0%	2%	4%	5%	6%	7%	7%	9%	9%	9%	9%
JJIS/Cordis	8%	9%	9%	8%	7%	7%	7%	6%	6%	6%	5%	4%
JJIS/Cordis	2%	2%	2%	3%	3%	3%	3%	4%	4%	3%	3%	3%
*BANDIT	7%	7%	7%	6%	6%	5%	5%	5%	5%	3%	3%	3%
Bandit NC	7%	7%	8%	8%	6%	4%	4%	3%	3%	3%	3%	3%
NC Ranger Big	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%
ACHIEVER	Ninja	TITAN	Apollo	Neptune	Takumi	Valor						
Cordis/J&J	3%	2%	2%	2%	2%	1%	2%	2%	2%	1%	1%	1%
JJIS/Cordis	0%	1%	1%	2%	2%	2%	3%	3%	2%	2%	1%	1%
Medtronic/AVE/USCI	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	0%	1%
Medtronic/AVE/USCI	2%	2%	2%	1%	1%	2%	1%	1%	1%	1%	1%	1%
BSX/SciMed/Schneider												
JJIS/Cordis												

ACS OVER-THE-WIRE DC AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
Avenger	2	66	142	178	191	186	214	250	228	270	237	230	
Tx2000 VP	34	28	23	18	16	10	7	9	10	8	6	5	6
Tx2000	55	54	38	22	16	8	9	8	5	4	4	1	2
Concorde	2	2	(0)						(0)			(0)	
Endura	0	0	0	0	0	0	0	0	0	0	0	(0)	
Other OTW	0	0	0	0	1	0	0	0	0	0	0	(0)	
Total OTW	92	87	127	182	210	201	231	265	240	280	243	238	

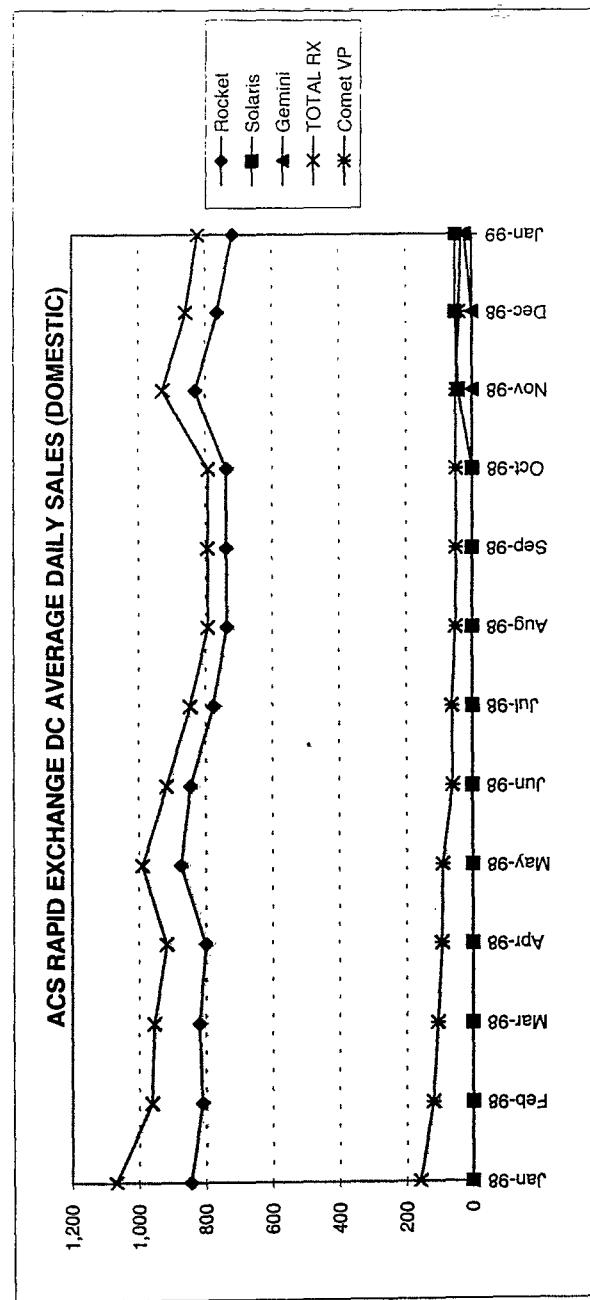
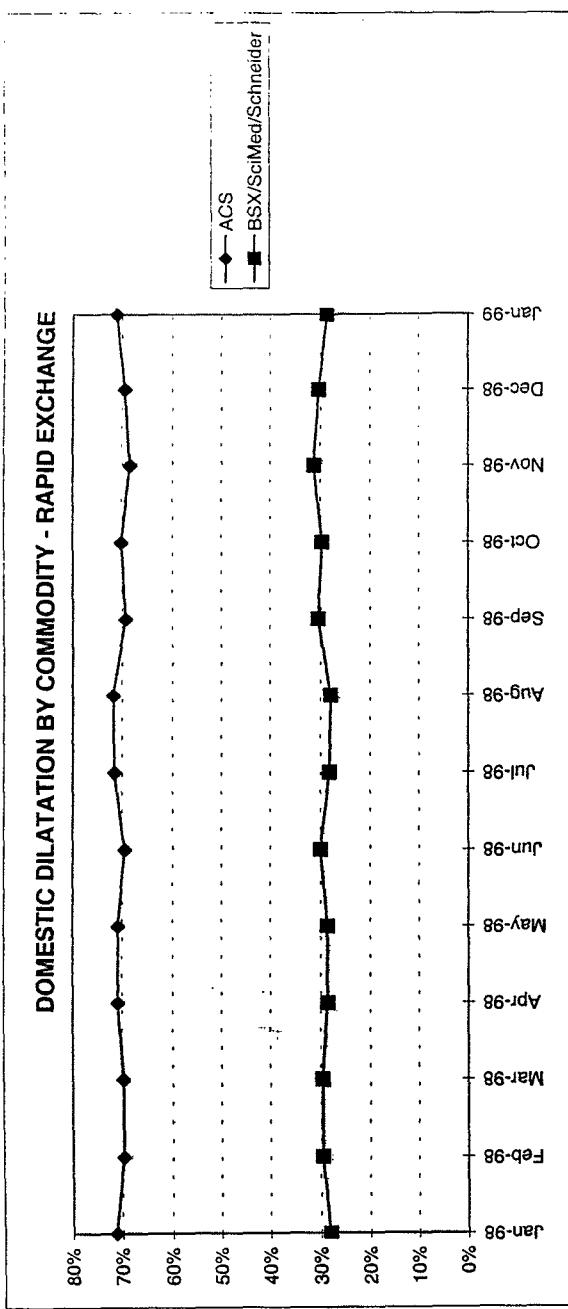
*Designates a PRODUCT FAMILY containing long and/or short balloons

ROLLING 14 OTW DETAIL PRODUCT MIX

OTW-14	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
		1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
BSX/SciMed/Schneider	*Ranger	29%	29%	29%	30%	31%	29%	29%	30%	31%	33%	33%	35%	34%
BSX/SciMed/Schneider	Quantum Ranger	9%	10%	13%	15%	16%	19%	20%	20%	21%	22%	21%	20%	19%
BSX/SciMed/Schneider	NC Ranger	17%	16%	14%	13%	13%	12%	11%	13%	13%	12%	14%	14%	13%
ACS	Avenger	0%	0%	2%	4%	5%	6%	8%	9%	9%	9%	9%	9%	9%
JJS/Cordis	Charger	9%	10%	9%	8%	7%	7%	7%	6%	6%	6%	6%	6%	4%
JJS/Cordis	*PREDATOR	2%	2%	3%	3%	3%	3%	3%	4%	4%	4%	3%	3%	3%
BSX/SciMed/Schneider	*BANDIT	7%	8%	7%	6%	6%	6%	5%	5%	5%	4%	3%	3%	3%
BSX/SciMed/Schneider	Bandit NC	7%	7%	8%	9%	6%	4%	5%	4%	3%	3%	3%	3%	3%
BSX/SciMed/Schneider	NC Ranger Big	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%
Medtronic/AVE/USCI	ACHIEVER	Ninja	0%	1%	1%	2%	2%	3%	3%	2%	2%	1%	1%	1%
Cordis/J&J	Apollo	Neptune	0%	1%	1%	2%	2%	3%	3%	2%	2%	1%	1%	1%
Medtronic/AVE/USCI	Valor	Asuka	2%	2%	2%	1%	1%	2%	1%	1%	1%	1%	1%	1%
Medtronic/AVE/USCI	*TRAKSTAR	Tx2000 VP	2%	1%	1%	0%	1%	1%	1%	1%	1%	1%	1%	0%
JJS/Cordis	*Evergreen	2%	1%	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%	0%
BSX/SciMed/Schneider														
JJS/Cordis														
ACS														
Medtronic/AVE/USCI														
OTW-14 AS PERCENT OF ALL OTW	97%	97%	97%	97%	97%	97%	97%	97%	97%	98%	98%	98%	98%	98%
OTW-14 AS PERCENT OF BUSINESS	63%	62%	64%	65%	64%	64%	64%	64%	64%	66%	66%	67%	67%	62%

ROLLING OTW MIX FOR ALL COMMODITIES

	2 Months Ending	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
BSX/SciMed/Schneider	*Ranger	28%	28%	28%	29%	30%	28%	28%	29%	30%	32%	34%	33%	33%
BSX/SciMed/Schneider	Quantum	9%	10%	13%	14%	16%	18%	20%	19%	20%	21%	21%	19%	19%
BSX/SciMed/Schneider	NC Ranger	16%	15%	14%	12%	12%	11%	11%	13%	12%	12%	14%	14%	13%
ACS	Avenger			0%	2%	4%	5%	6%	7%	9%	9%	9%	9%	9%
JJS/Cordis	Charger	8%	9%	9%	8%	8%	7%	7%	6%	6%	6%	5%	4%	4%
JJS/Cordis	*PREDATOR	2%	2%	2%	3%	3%	3%	3%	4%	4%	3%	3%	3%	3%
BSX/SciMed/Schneider	*BANDIT	7%	7%	7%	6%	6%	6%	5%	5%	5%	4%	3%	3%	3%
BSX/SciMed/Schneider	Bandit NC	7%	7%	8%	8%	6%	4%	4%	3%	3%	3%	3%	3%	3%
BSX/SciMed/Schneider	NC Ranger Big	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%
Cordis/J&J	ACHIEVER										0%	1%	1%	2%
JJS/Cordis	Ninja	3%	2%	2%	2%	2%	1%	2%	2%	2%	1%	1%	1%	1%
Medtronic/AVE/USCI	*TITAN	0%	1%	1%	2%	2%	2%	3%	3%	2%	2%	1%	1%	1%
Cordis/J&J	Apollo											1%	1%	1%
Medtronic/AVE/USCI	Neptune											0%	0%	1%
Medtronic/AVE/USCI	Takumi	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
BSX/SciMed/Schneider	Valor	2%	2%	1%	1%	2%	2%	1%	1%	1%	1%	1%	1%	1%
JJS/Cordis	Asuka	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
BSX/SciMed/Schneider	*TRAKSTAR	1%	1%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	0%
JJS/Cordis	Tx2000 VP	2%	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%
ACS	*Evergreen	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%
Medtronic/AVE/USCI														



DOMESTIC DILATATION BY MANUFACTURER - RAPID EXCHANGE

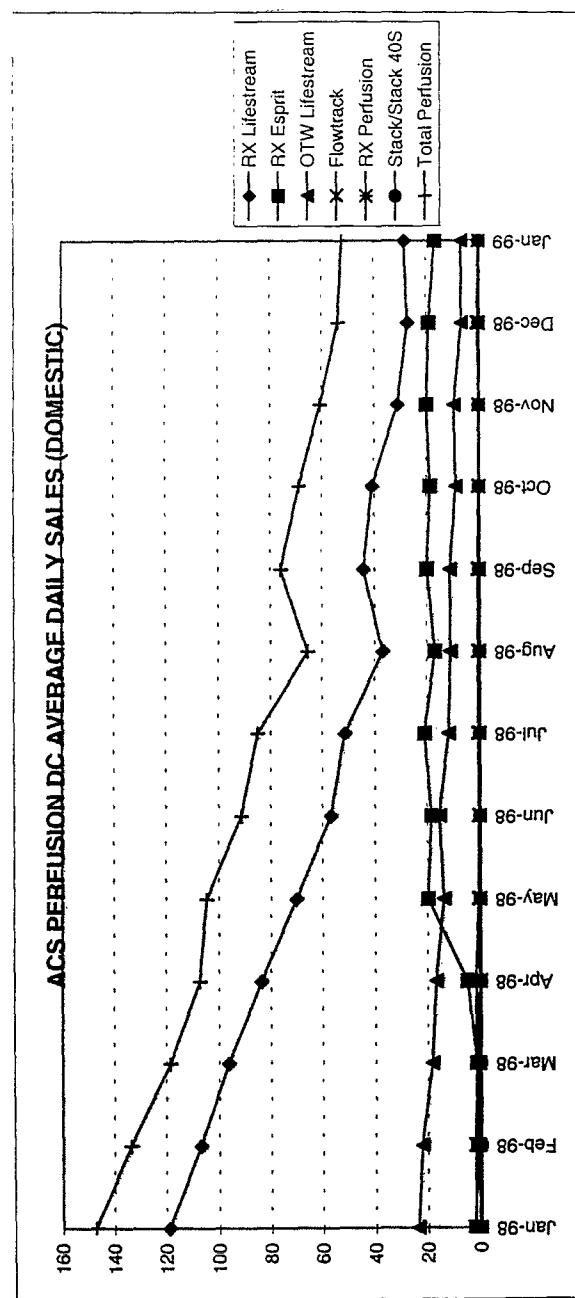
Rapid Exchange (RX)	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
ACS	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
BSX/SciMed/Schneider	71%	70%	70%	71%	71%	70%	72%	72%	69%	69%	70%	69%	70%	71%
RX AS A PERCENT OF BUSINESS	30%	31%	30%	29%	30%	28%	28%	28%	30%	30%	30%	29%	28%	33%

DOMESTIC DILATATION BY COMMODITY - RAPID EXCHANGE

RX Systems	Rocket	Bonnie	61%	63%	63%	65%	66%	65%	62%	59%	61%	61%	61%
ACS	55%	55%	57%	61%	63%	63%	65%	66%	65%	62%	59%	61%	61%
BSX/SciMed/Schneider	11%	14%	15%	14%	16%	18%	16%	18%	21%	19%	20%	18%	16%
ACS	ACS RX SOLARIS	3%	3%	4%	3%	3%	4%	3%	2%	2%	3%	2%	3%
BSX/SciMed/Schneider	Leap Express	11%	9%	8%	6%	5%	4%	4%	3%	7%	7%	3%	3%
ACS	Comet VP	8%	5%	5%	4%	2%	2%	2%	1%	1%	2%	3%	3%
ACS	Comet Goldie	6%	6%	5%	4%	4%	5%	4%	5%	5%	4%	4%	2%
BSX/SciMed/Schneider	MAXXUM												
BSX/SciMed/Schneider	MXXUM												
BSX/SciMed/Schneider	SCHNEIDER CHUBBY												
BSX/SciMed/Schneider	Viva												
BSX/SciMed/Schneider	Express Plus NC	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
BSX/SciMed/Schneider	NC Rebel	0%	0%	1%	1%	1%	2%	1%	1%	0%	0%	1%	1%
BSX/SciMed/Schneider	Rebel	3%	3%	3%	2%	1%	1%	1%	1%	0%	1%	1%	1%

ACS RAPID EXCHANGE AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
Rocket	845	811	820	801	874	845	777	737	738	738	831	764	719
Solaris											43	52	50
Comet VP	160	122	106	95	92	61	63	51	50	50	50	40	32
Gemini													22
Ellipse	4	(2)	0	0	0	(0)	0	0	0	0	1	0	0
Comet	61	32	28	22	24	10	7	5	5	4	4	3	(0)
TOTAL RX	1,070	963	954	917	990	917	847	793	793	793	929	859	823



DOMESTIC DILATATION BY MANUFACTURER - PERfusion

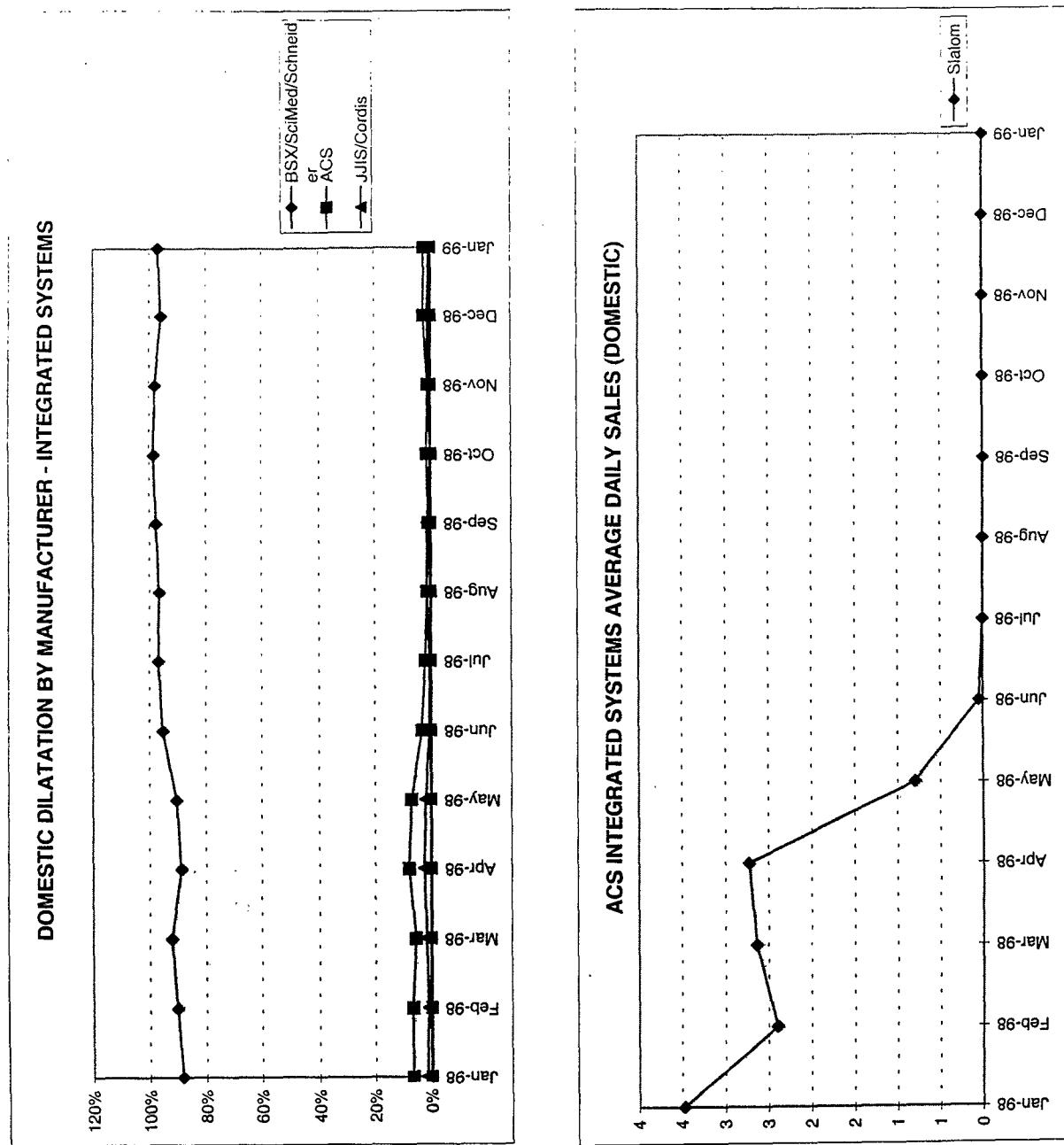
Perfusion	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
ACS	89%	89%	89%	88%	80%	84%	87%	90%	87%	84%	80%	80%	83%	83%
BSX/SciMed/Schneider	11%	11%	11%	12%	20%	20%	16%	13%	10%	13%	16%	20%	20%	17%
PERfusion AS A PERCENT OF BUSINESS	2%	1%	1%	2%	2%	1%	1%	1%	2%	2%	1%	2%	2%	2%

DOMESTIC DILATATION BY COMMODITY - PERfusion

	*LIFESTREAM	RX Esprit	Surpass	OTW Lifestream	*RX PERfusion	Wave
ACS	68%	74%	69%	66%	57%	43%
ACS					7%	39%
BSX/SciMed/Schneider	10%	11%	10%	11%	19%	20%
ACS	9%	9%	13%	14%	11%	12%
BSX/SciMed/Schneider	9%	2%	3%	4%	3%	4%
	1%	0%	1%	1%	1%	1%

ACS PERfusion DC AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
RX Lifestream	119	107	96	84	70	57	51	37	44	41	31	27	28
RX Esprit	2	1	2	5	20	19	21	17	20	19	20	19	17
OTW Lifestream	24	22	18	17	14	16	12	11	11	9	10	7	7
Flowtrack	2	2	2	2	1	0	1	1	1	0	0	1	0
RX Perfusion	0	1	1	1	1	1	1	1	1	1	0	0	1
Stack/Stack 40S	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Perfusion	147	134	119	107	105	91	85	76	66	69	61	54	52



DOMESTIC DILATATION BY MANUFACTURER - INTEGRATED SYSTEMS

		2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
		1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
Integrated	BSX/SciMed/Schneider	88%	90%	92%	89%	91%	95%	97%	97%	98%	99%	98%	96%	97%	97%
	ACS	7%	7%	5%	8%	7%	3%	2%	1%	1%	1%	1%	1%	3%	2%
	JJIS/Cordis	2%	1%	2%	3%	2%	1%	0%	1%	1%	1%	1%	1%	1%	0%
INT. AS A PERCENT OF BUSINESS															
		4%	4%	4%	3%	3%	3%	3%	2%	2%	2%	2%	2%	2%	2%

DOMESTIC DILATATION BY COMMODITY - INTEGRATED SYSTEMS

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	
		1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
Integrated Systems	*ACE	66%	71%	65%	62%	67%	76%	83%	83%	78%	75%	73%	68%	68%	47%
	Pivot	15%	15%	24%	22%	16%	13%	9%	8%	11%	15%	16%	20%	20%	45%
	Graft Ace	7%	4%	4%	5%	7%	6%	4%	6%	8%	8%	9%	8%	8%	5%
	Stalom	7%	7%	5%	8%	7%	3%	2%	1%	1%	1%	1%	3%	3%	2%
	Lightning	1%	1%	1%	1%	0%	1%	0%	1%	1%	1%	1%	1%	1%	0%

ACS INTEGRATED SYSTEMS AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
Slalom	3	2	3	3	3	1	0						
Total Int. Sys.	3	2	3	3	3	1	0						

MONTHLY MARKET SHARE FOR HIGH PRESSURE/NON-COMPLIANT BALLOONS (RBP > 14 ATMs)

OVER-THE-WIRE	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec												Jan 1999
	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	
BSX/SciMed/Schneider	Quantum Ranger	9%	11%	15%	14%	17%	19%	20%	19%	21%	20%	19%	19%
BSX/SciMed/Schneider	NC Ranger	16%	15%	12%	12%	11%	11%	11%	14%	11%	13%	15%	13%
JJS/Cordis	Charger	10%	9%	9%	7%	7%	7%	7%	5%	7%	6%	4%	4%
BSX/SciMed/Schneider	Bandit NC	7%	7%	9%	8%	4%	4%	5%	4%	3%	4%	3%	3%
BSX/SciMed/Schneider	NC Ranger Big	0%	0%	1%	1%	1%	1%	1%	1%	1%	2%	1%	2%
JJS/Cordis	*TITAN	2%	2%	2%	2%	2%	1%	1%	2%	1%	1%	1%	1%
ACS	Tx2000 VP	1%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%	0%
HP/NC OTW AS A % OF OTW		50%	47%	51%	47%	46%	47%	47%	47%	45%	48%	45%	43%
HP/NC OTW AS A % OF BUSINESS		33%	30%	33%	32%	31%	31%	31%	31%	31%	33%	31%	27%

RAPID EXCHANGE

BSX/SciMed/Schneider	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec												Jan 1999
	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	
ACS	Bonnie	12%	15%	14%	14%	18%	18%	18%	14%	21%	20%	19%	21%
BSX/SciMed/Schneider	ACS RX SOLARIS										0%	0%	5%
ACS	MAXXUM											1%	1%
BSX/SciMed/Schneider	Comet VP											3%	3%
HP/NC RX AS A % OF RX		8%	10%	6%	6%	4%	4%	5%	4%	3%	10%	3%	5%
HP/NC RX AS A % OF BUSINESS		24%	27%	21%	23%	24%	24%	20%	26%	24%	30%	27%	29%
TOTAL HP/NC BALLOONS AS A % OF BUSINESS		7%	8%	6%	6%	7%	7%	6%	8%	7%	8%	8%	9%

MONTHLY MARKET SHARE FOR HP/NC SHORT BALLOONS (% of all BDC)

BSX/SciMed/Schneider	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec												Jan 1999
	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	
Bandit NC	5%	4%	6%	5%	3%	3%	3%	3%	2%	2%	2%	2%	2%
HP/NC SHORT BALLOONS AS A % OF ALL BDC		5%	4%	6%	5%	3%	3%	3%	2%	2%	2%	2%	2%

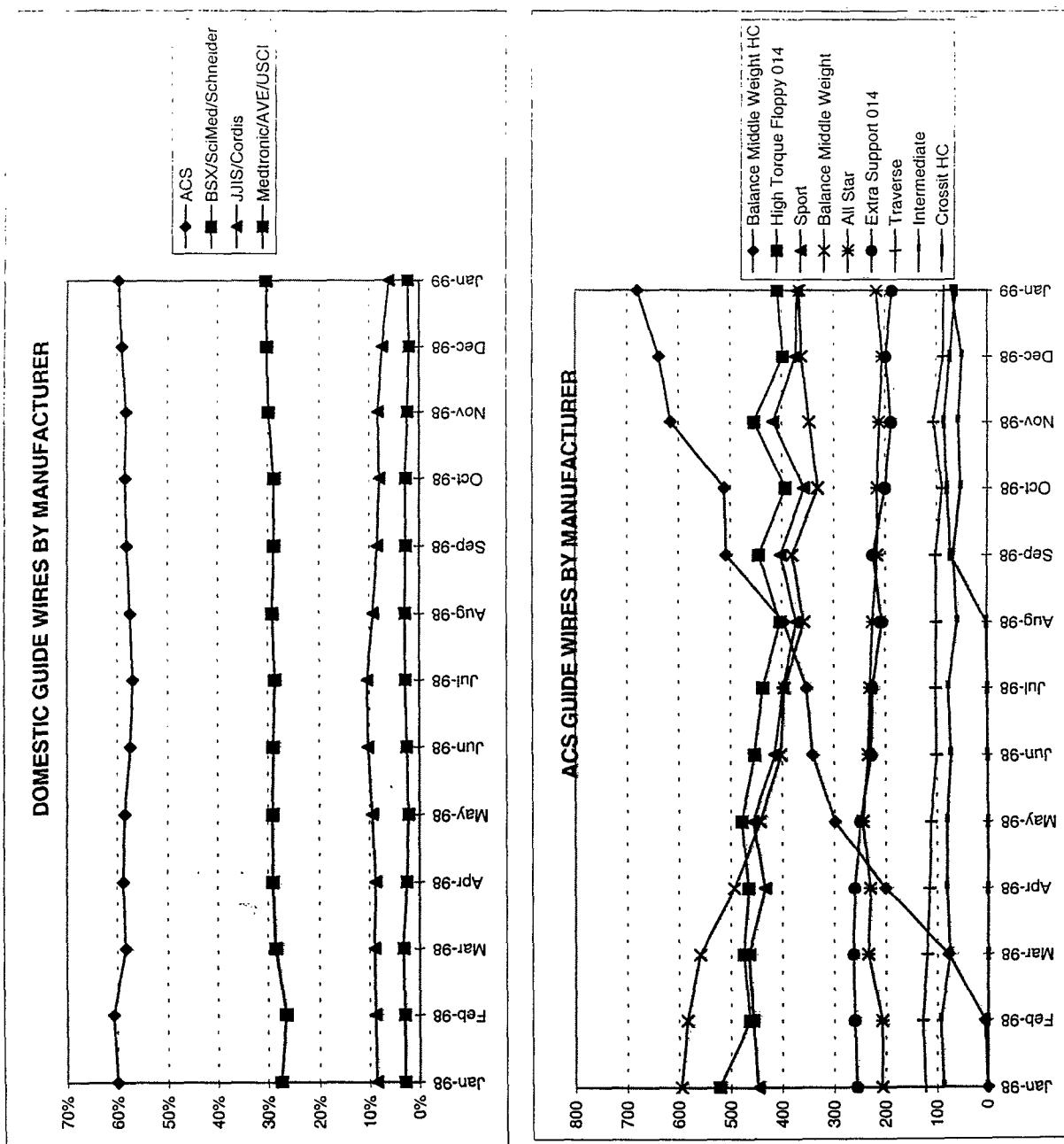
MONTHLY MARKET SHARE FOR EXTENDED PRESSURE BALLOONS (RBP = 9-14 ATMs)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
OVER-THE-WIRE	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
BSX/SchMed/Schneider	27%	29%	27%	30%	29%	27%	28%	28%	30%	30%	34%	34%	32%
ACS	1%	1%	3%	5%	5%	7%	8%	9%	9%	9%	9%	9%	9%
BSX/SchMed/Schneider	7%	7%	5%	6%	5%	5%	5%	5%	4%	3%	4%	4%	3%
JJIS/Cordis	2%	3%	2%	4%	3%	3%	4%	3%	3%	3%	4%	4%	3%
Cordis/J&J													
Medtronic/AVE/USCI													
BSX/SchMed/Schneider	1%	1%	2%	2%	3%	3%	2%	2%	2%	1%	2%	1%	1%
JJIS/Cordis	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%
BSX/SchMed/Schneider	0%	0%	1%	1%	1%	1%	1%	1%	1%	0%	1%	1%	0%
EXTENDED PRESSURE OTW AS A % OF BUSINESS	45%	48%	46%	50%	52%	51%	51%	53%	50%	52%	55%	53%	53%
EXTENDED PRESSURE OTW AS A % OF BUSINESS	30%	31%	30%	33%	35%	34%	33%	34%	36%	34%	36%	35%	33%
RAPID EXCHANGE													
ACS	55%	55%	59%	62%	63%	63%	64%	64%	66%	59%	60%	62%	59%
ACS	6%	4%	5%	2%	3%	2%	2%	2%	1%	1%	3%	2%	3%
BSX/SchMed/Schneider													
BSX/SchMed/Schneider	6%	7%	5%	5%	3%	5%	4%	5%	5%	3%	6%	3%	2%
ACS											1%	1%	2%
EXTENDED PRESSURE RX AS A % OF RX	71%	69%	73%	71%	71%	72%	76%	71%	72%	65%	69%	69%	67%
EXTENDED PRESSURE RX AS A % OF BUSINESS	21%	22%	21%	20%	20%	21%	23%	21%	21%	18%	20%	23%	22%
INTEGRATED SYSTEMS													
JJIS/Cordis	Lightning	1%	0%	2%	0%	0%	1%	1%	3%	3%	1%	1%	0%
EXTENDED PRESSURE INT AS A % OF INT	4%	1%	3%	3%	1%	1%	1%	3%	3%	2%	1%	0%	0%
EXTENDED PRESSURE INT AS A % OF BUSINESS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
PERFUSION													
ACS	*LIFESTREAM	73%	74%	65%	67%	46%	39%	40%	35%	49%	29%	30%	29%
ACS	RX Esprit	2%	2%	12%	12%	28%	15%	28%	15%	15%	16%	16%	38%
ACS	OTW Lifestream	0.10252	7%	19%	9%	13%	10%	9%	21%	8%	30%	30%	37%
EXTENDED PRESSURE PERF AS A % OF PERF	76%	76%	80%	73%	72%	77%	75%	72%	85%	53%	77%	77%	9%
EXTENDED PRESSURE PERF AS A % OF BUSINESS	3%	3%	3%	2%	2%	2%	2%	2%	2%	1%	1%	1%	2%
TOTAL EXTENDED PRESSURE BALLOONS AS A % OF BUSINESS	54%	55%	54%	55%	57%	57%	58%	57%	58%	53%	57%	59%	56%

DOMESTIC DILATATION CATHETER MARKET

TOP 20

Actual Numbers Report	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
BSX/SciMed/Schneider	*Ranger	18%	19%	18%	20%	19%	18%	19%	20%	21%	23%	22%	20%
ACS	Rocket	16%	17%	17%	17%	18%	19%	19%	19%	16%	17%	21%	19%
BSX/SciMed/Schneider	Quantum Ranger	6%	7%	10%	10%	11%	13%	13%	14%	15%	13%	12%	12%
ACS	NC Ranger	10%	9%	8%	8%	8%	7%	7%	9%	9%	10%	8%	9%
BSX/SciMed/Schneider	Avenger			0%	2%	3%	3%	5%	5%	6%	6%	6%	5%
JJIS/Cordis	Bonnie	4%	5%	4%	4%	5%	4%	4%	6%	6%	5%	5%	5%
BSX/SciMed/Schneider	Charger	7%	5%	6%	5%	5%	5%	5%	3%	5%	4%	3%	2%
JJIS/Cordis	*BANDIT	5%	5%	5%	4%	4%	4%	3%	3%	3%	2%	2%	2%
BSX/SciMed/Schneider	Bandit NC	5%	4%	6%	5%	3%	3%	3%	3%	2%	2%	2%	2%
JJIS/Cordis	*PREDATOR	1%	2%	2%	3%	2%	2%	2%	3%	2%	2%	2%	2%
BSX/SciMed/Schneider	Pivot	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
ACS	ACS RX SOLARIS												2%
BSX/SciMed/Schneider	NC Ranger Big	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%
Cordis/J&J	Ninja												2%
Medtronic/AVE/USCI	ACHIEVER												1%
BSX/SciMed/Schneider	Leap Express	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
BSX/SciMed/Schneider	*ACE	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
BSX/SciMed/Schneider	MAXXUM												1%
ACS	Comet	2%	1%	2%	1%	1%	0%	1%	1%	0%	0%	1%	1%
JJIS/Cordis	*TITAN	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%

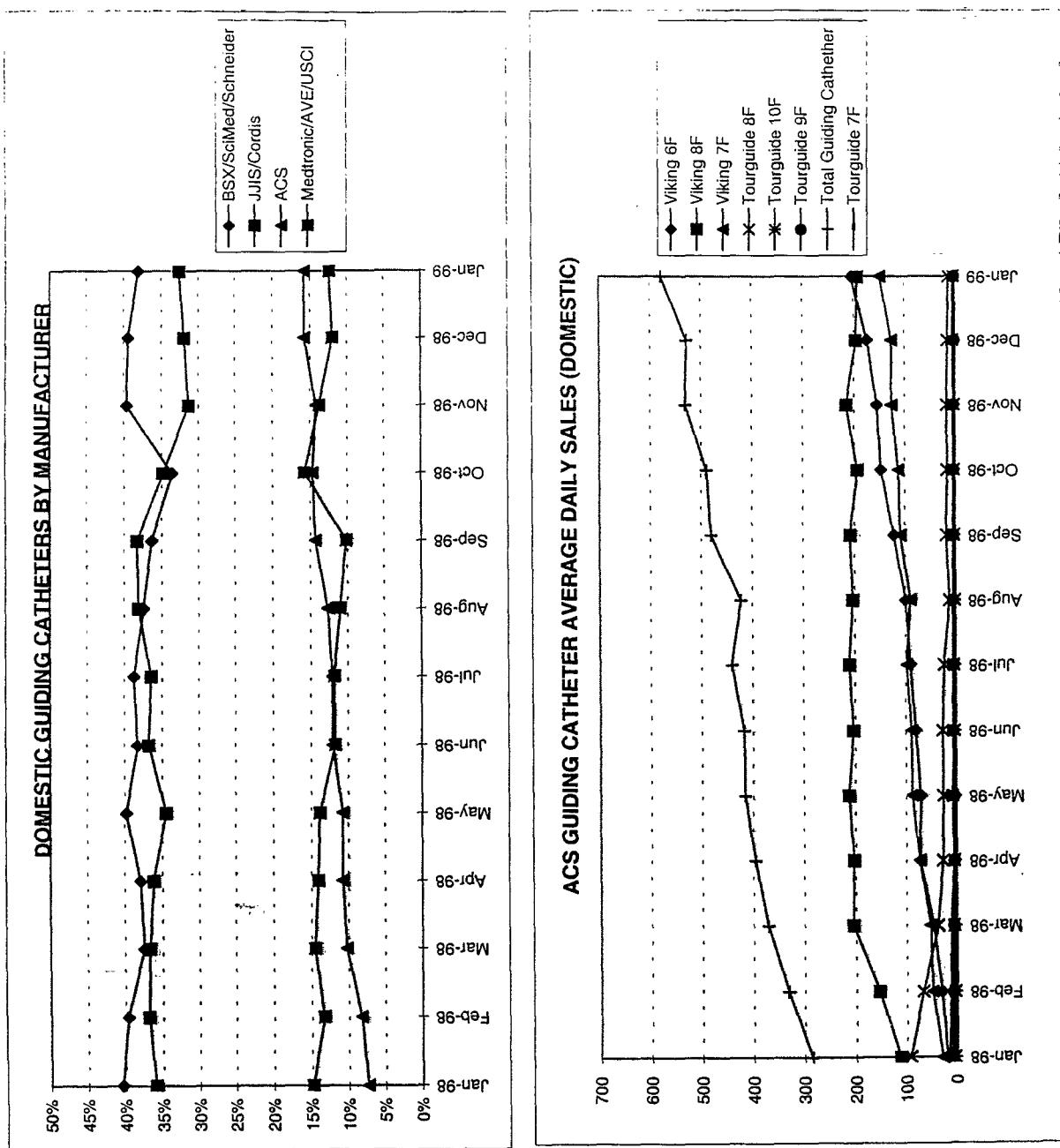


DOMESTIC GUIDE WIRES BY MANUFACTURER												
	2 Months Rolling Avg.		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998
ACS	60%	61%	58%	59%	59%	57%	57%	57%	58%	58%	59%	59%
BSX/SciMed/Schneider	28%	27%	29%	29%	29%	29%	29%	29%	29%	29%	30%	30%
JJIS/Cordis	9%	9%	9%	9%	9%	10%	10%	9%	8%	8%	7%	6%
Medtronic/AVE/USCI	3%	3%	3%	3%	2%	2%	3%	3%	3%	3%	2%	2%
PRODUCT DETAIL												
ACS	Balance Middle Weight	11%	11%	12%	13%	14%	15%	16%	16%	17%	17%	18%
ACS	Floppy 014	8%	12%	13%	12%	11%	10%	11%	12%	11%	11%	13%
ACS	.014 Extra Support	12%	11%	10%	9%	8%	8%	8%	9%	8%	8%	8%
ACS	Choice PT	6%	6%	6%	7%	6%	5%	6%	6%	7%	7%	7%
BSX/SciMed/Schneider	Choice Extra Support	5%	5%	6%	6%	6%	7%	6%	5%	5%	5%	5%
BSX/SciMed/Schneider	Luge	0%	1%	3%	4%	4%	4%	4%	4%	5%	5%	5%
BSX/SciMed/Schneider	.014 SPort	12%	10%	7%	7%	8%	8%	7%	6%	6%	6%	5%
ACS	ACS ALL STAR	4%	4%	4%	5%	5%	5%	5%	6%	5%	4%	4%
ACS	Choice	6%	5%	5%	4%	4%	4%	3%	3%	3%	3%	4%
BSX/SciMed/Schneider	Heart Technology	3%	3%	3%	3%	3%	4%	3%	4%	4%	4%	4%
BSX/SciMed/Schneider	Balance	2%	2%	3%	3%	2%	2%	2%	2%	3%	3%	3%
ACS	.014 Traverse	5%	5%	3%	3%	3%	2%	3%	3%	3%	3%	3%
ACS	Stabilizer	2%	3%	2%	3%	2%	2%	2%	2%	2%	2%	2%
JJIS/Cordis	Ironman	2%	3%	3%	3%	3%	3%	3%	3%	3%	2%	2%
ACS	PT Graphix	1%	1%	1%	1%	1%	1%	2%	2%	1%	2%	1%
BSX/SciMed/Schneider	Balance Heavy Weight	2%	2%	2%	2%	2%	1%	1%	1%	0%	1%	1%
ACS	Mailman	2%	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%
JJIS/Cordis	Wisdom	2%	2%	2%	2%	3%	2%	2%	2%	2%	1%	1%
ACS	Intermediate 014	2%	2%	2%	2%	1%	1%	2%	2%	1%	1%	1%
JJIS/Cordis	Stabilizer Plus	3%	4%	3%	3%	4%	4%	3%	3%	3%	2%	1%
JJIS/Cordis	Shinobi	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%
Medtronic/AVE/USCI	Metronic Mustang	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
ACS	CROSS-IT	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
JJIS/Cordis	Cordis .018	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%

*As of Dec 97, Intermediate 014, Standard 014, and Floppy 014 split from the ACS 14 group

ACS GUIDE WIRES AVERAGE DAILY SALES (DOMESTIC)													
	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
Balance Middle Weight HC	0	6	78	201	299	342	352	396	508	512	616	639	681
High Torque Floppy 014	522	463	475	465	479	454	437	404	445	394	454	398	409
Sport	447	457	465	434	457	415	398	372	403	358	417	373	371
Balance Middle Weight	595	584	560	493	443	403	395	358	380	331	347	363	366
All Star	207	208	234	230	245	234	230	224	216	216	212	206	218
Extra Support 014	256	261	263	260	249	228	225	206	224	201	189	200	188
Traverse	123	129	120	115	112	101	102	100	101	89	106	87	85
Intermediate	87	93	75	81	80	72	77	59	67	53	57	50	70
Crossit HC								2	72	80	86	74	62
Balance HC	3	31	37	41	44	45	49	47	50	59	59	59	59
Balance Heavy Weight	123	132	112	91	97	77	61	54	52	56	48	45	44
Balance Standard	34	38	29	30	39	39	34	24	32	27	24	20	24
Intermediate HC								3	6	6	7	9	
Standard HC								2	2	1	3	3	2
Other 014	92	92	93	121	101	103	96	82	95	72	76	65	75
Other 014 HC	.018	32	33	33	37	27	32	29	7	20	53	28	36
.010	24	19	20	21	24	20	17	24	24	17	30	33	27
Total Coronary Wires	2,542	2,517	2,590	2,615	2,691	2,563	2,497	2,390	2,720	2,546	2,873	2,699	2,793
Doc	116	98	160	131	143	126	138	131	147	133	141	132	128
Anchor	20	22	22	26	20	22	17	20	14	26	19	16	16
Total Wires	2677	2631.4	2772	2772	2854	2711	2652	2541	2881	2705	3032	2846	2937

EXCHANGE DEVICES														
		Actual Numbers	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
BSX/SciMed/Schneider		Magnet	27%	31%	33%	34%	37%	29%	37%	43%	47%	47%	43%	48%
ACS		DOC	39%	42%	40%	45%	40%	43%	37%	33%	39%	36%	41%	36%
JJS/Cordis		CORDIS TRANSIT	8%	8%	7%	9%	9%	8%	7%	5%	5%	8%	6%	8%
ACS		Anchor	7%	4%	6%	2%	3%	10%	7%	9%	2%	4%	5%	3%
BSX/SciMed/Schneider		Trapper	12%	6%	9%	7%	8%	5%	9%	8%	3%	2%	2%	3%
Medtronic/AVE/USCI		Linx	4%	5%	3%	3%	3%	2%	1%	2%	2%	2%	2%	1%

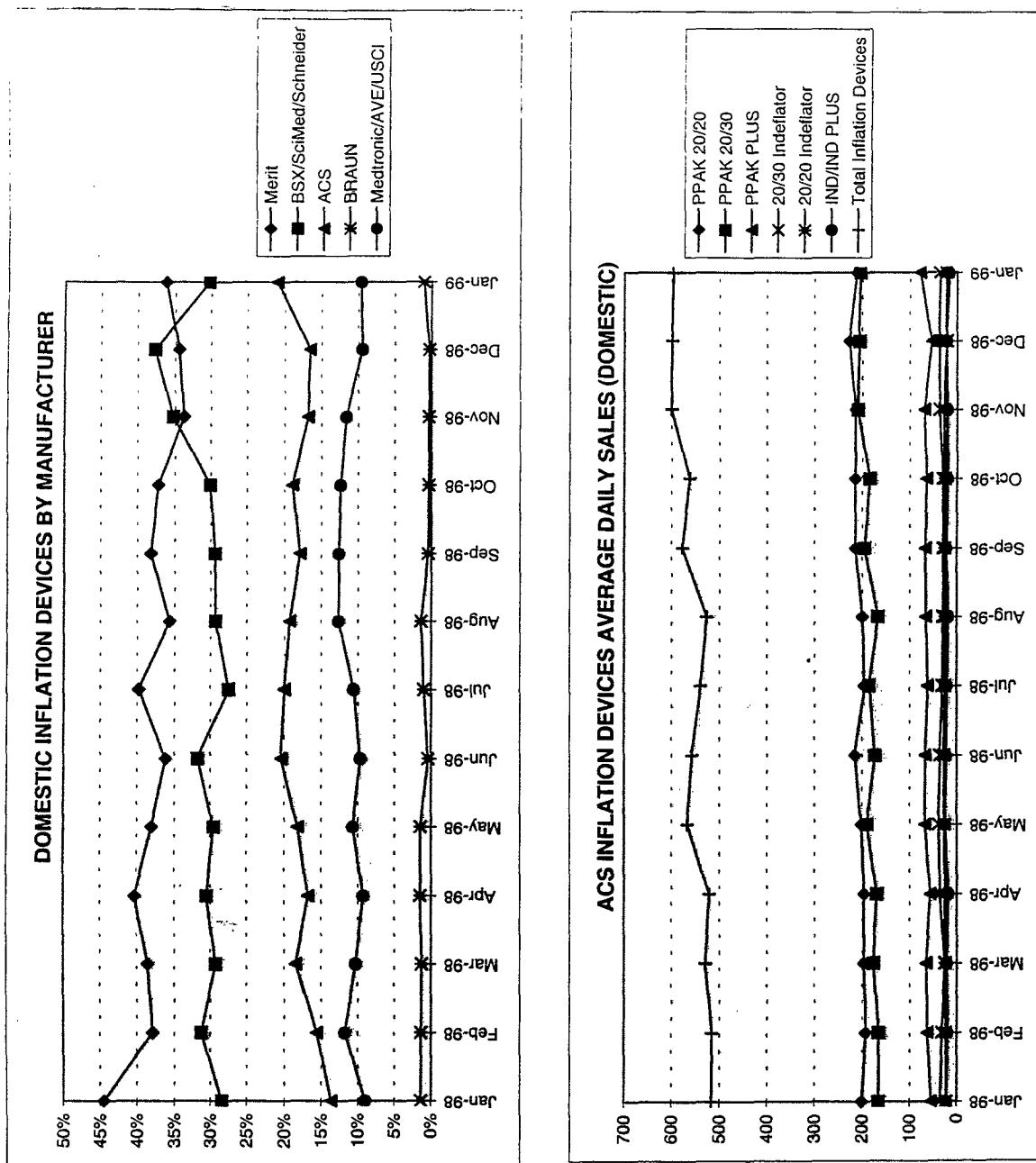


DOMESTIC GUIDING CATHETERS BY MANUFACTURER

Actual Numbers	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
BSX/SciMed/Schneider	40%	40%	37%	38%	40%	38%	37%	37%	36%	35%	40%	39%	38%
JJIS/Cordis	36%	37%	37%	36%	34%	37%	36%	38%	38%	35%	31%	32%	33%
ACS	7%	8%	10%	11%	11%	12%	12%	13%	14%	15%	14%	16%	16%
Medtronic/AVE/USCI	15%	13%	15%	14%	14%	12%	12%	11%	10%	18%	14%	12%	12%
PRODUCT DETAIL (Top 15)													
JJIS/Cordis	Vista Bright .086/Large Lumen	32%	30%	31%	30%	26%	31%	29%	28%	28%	24%	26%	26%
BSX/SciMed/Schneider	Wiseguide	5%	9%	10%	9%	11%	12%	10%	12%	12%	17%	17%	19%
ACS	Viking	2%	4%	8%	8%	9%	10%	11%	12%	12%	11%	14%	15%
BSX/SciMed/Schneider	Cyberguide	20%	22%	19%	20%	22%	18%	19%	15%	17%	13%	16%	11%
Medtronic/AVE/USCI	Vector	8%	6%	7%	8%	8%	6%	8%	7%	9%	6%	4%	7%
JJIS/Cordis	Bright Tip	3%	4%	6%	5%	3%	6%	4%	8%	8%	6%	5%	5%
Medtronic/AVE/USCI	ZUMA												
BSX/SciMed/Schneider	Guider	2%	2%	2%	3%	2%	3%	3%	3%	0%	3%	4%	4%
BSX/SciMed/Schneider	Triguide Plus .086/Triguide	5%	1%	2%	1%	1%	1%	0%	2%	1%	1%	1%	3%
JJIS/Cordis	Petite Bright	1%	1%	1%	1%	1%	1%	5%	2%	1%	1%	1%	2%
BSX/SciMed/Schneider	Mighty Max	0%	0%	1%	0%	1%	1%	2%	2%	1%	1%	0%	1%
BSX/SciMed/Schneider	Triguide	6%	1%	1%	1%	1%	2%	1%	1%	1%	1%	0%	1%
BSX/SciMed/Schneider	Tourguide	5%	4%	2%	2%	2%	2%	1%	1%	2%	2%	1%	1%
ACS	Sherpa	0%	1%	0%	1%	0%	1%	0%	0%	1%	0%	0%	1%
Medtronic/AVE/USCI	Cook Lumax	1%	0%	0%	0%	1%	1%	0%	0%	0%	1%	1%	1%

ACS GUIDING CATHETERS AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
Viking 6F	19	31	47	73	72	81	91	100	123	147	155	174	205
Viking 8F	112	155	205	204	212	204	212	204	209	194	216	196	193
Viking 7F	29	49	53	74	88	90	98	90	109	113	127	127	149
Tourguide 8F	93	68	37	28	26	27	24	12	18	16	17	15	12
Viking 9F								6	11	10	5	8	11
Tourguide 7F	15	12	11	5	3	4	3	2	2	2	3	2	3
Tourguide 10F	4	4	6	5	7	3	4	1	2	2	2	4	3
Tourguide 6F	4	6	5	5	5	4	5	3	3	1	4	1	2
Tourguide 9F	9	7	6	4	4	6	5	5	4	3	3	1	1
Other Guiding Caths	1	0	2	0	0	1	0	0	1	0	1	0	0
Total Guiding Cathether	285	332	372	397	416	418	441	423	481	490	532	528	578



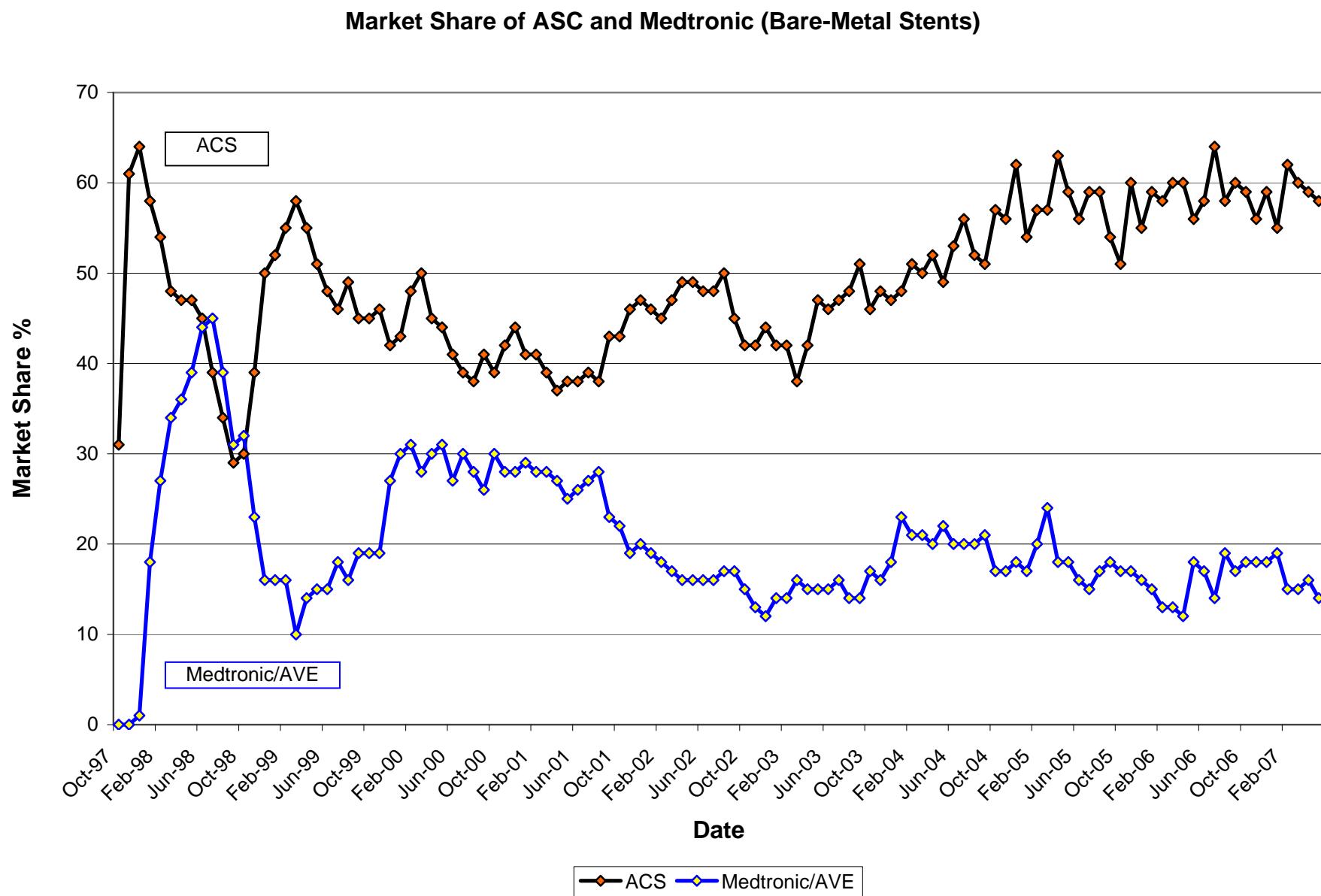
DOMESTIC INFLATION DEVICES BY MANUFACTURER

Actual Numbers	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
BSX/SciMed/Schneider	45%	38%	39%	40%	38%	40%	36%	38%	37%	34%	34%	34%	36%
ACS	28%	31%	29%	31%	30%	32%	27%	29%	30%	35%	38%	38%	30%
Medtronic/AVE/USCI	14%	16%	18%	17%	18%	20%	19%	18%	19%	17%	17%	17%	21%
BRAUN	9%	12%	10%	9%	11%	10%	11%	13%	13%	12%	12%	9%	10%
Morse	1%	1%	1%	1%	0%	1%	0%	0%	0%	0%	0%	0%	1%
Namic	2%	2%	1%	2%	1%	1%	2%	1%	1%	1%	1%	1%	1%

INFLATION DEVICE DETAIL	Advantage	13%	12%	13%	13%	11%	14%	14%	12%	14%	14%	17%	16%
BSX/SciMed/Schneider	Encore	15%	18%	17%	16%	21%	13%	15%	17%	16%	21%	21%	14%
BSX/SciMed/Schneider	Intellisystem/Inflator	21%	15%	15%	16%	15%	18%	15%	13%	13%	13%	16%	14%
Merit	Request (Custom Kit)	10%	8%	9%	8%	7%	7%	7%	6%	8%	10%	9%	9%
Merit	Monarch	7%	8%	7%	10%	8%	9%	10%	13%	9%	9%	9%	12%
ACS	Priority Pack 20/20	5%	5%	7%	7%	8%	10%	9%	9%	9%	9%	9%	9%
ACS	Priority Pack 20/30	6%	5%	5%	5%	7%	7%	6%	6%	5%	7%	6%	5%
Medtronic/AVE/USCI	Everest	2%	3%	3%	3%	4%	4%	4%	4%	5%	5%	4%	4%
Medtronic/AVE/USCI	PrestoPlus	6%	6%	5%	5%	4%	4%	5%	6%	6%	6%	3%	4%
ACS	Priority Pack Plus 20	3%	4%	5%	2%	2%	2%	2%	2%	2%	2%	3%	3%
ACS	Indeflator Plus	0%	1%	1%	0%	1%	1%	1%	1%	1%	1%	1%	1%
Ideal	1%	2%	2%	1%	2%	2%	2%	3%	2%	2%	2%	2%	2%
Basix	7%	8%	7%	6%	6%	6%	6%	5%	5%	3%	1%	1%	2%
Merit	20/20 Indeflator	0%	1%	1%	0%	1%	1%	1%	1%	1%	1%	1%	1%
ACS	BRAUN INDEFULATOR	1%	1%	1%	1%	0%	1%	0%	0%	0%	0%	0%	1%
BRAUN	Morse	1%	0%	1%	1%	1%	1%	0%	0%	1%	0%	1%	1%
Morse	Breeze	1%	2%	1%	1%	1%	1%	2%	1%	1%	1%	1%	1%

ACS INFLATION DEVICES AVERAGE DAILY SALES (DOMESTIC)	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
PPAK 20/20	201	193	197	196	203	216	195	200	214	215	214	228	212
PPAK 20/30	166	166	177	170	191	173	186	167	195	185	210	207	205
PPAK PLUS	55	63	65	57	68	67	62	66	67	65	69	54	79
20/30 Indeflator	35	32	26	36	39	36	30	29	29	30	37	38	37
PPAK PLS30	16	20	19	21	17	17	22	21	25	24	23	29	26
20/20 Indeflator	22	23	25	25	26	27	24	25	25	25	28	22	22
IND/IND PLUS	22	20	21	18	25	22	21	18	22	20	21	23	17
Total Inflation Devices	517	516	530	522	568	558	540	527	578	563	602	600	598

Exhibit 3



UNITED STATES DISTRICT COURT
DISTRICT OF DELAWARE

CERTIFICATE OF SERVICE

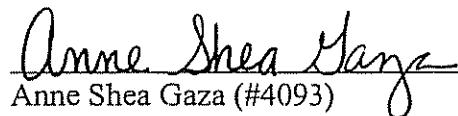
I hereby certify that on June 29, 2007, I caused to be served by hand delivery the foregoing document and electronically filed the same with the Clerk of Court using CM/ECF which will send notification of such filing(s) to the following:

Karen Jacobs Louden, Esquire
Morris, Nichols, Arsht & Tunnell
1201 N. Market Street
P.O. Box 1347
Wilmington, Delaware 19899-1347

I hereby certify that on June 29, 2007, I have sent by Federal Express the foregoing document to the following non-registered participants:

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Donna M. Tanguay, Esquire
Mark G. Davis, Esquire
McDermott, Will & Emery
600 13th Street, N.W.
Washington, DC 20005

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UNITED STATES DISTRICT COURT
DISTRICT OF DELAWARE

CERTIFICATE OF SERVICE

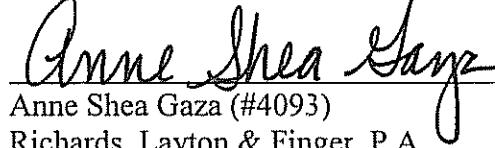
I hereby certify that on July 9, 2007, I caused to be served by hand delivery the foregoing document and electronically filed the same with the Clerk of Court using CM/ECF which will send notification of such filing(s) to the following:

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I hereby certify that on July 9, 2007, I have sent by Federal Express the foregoing document to the following non-registered participants:

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